SCH-R330 Series

P O R T A B L E   D U A L - B A N D

M O B I L E   P H O N E

User Manual
Please read this manual before operating your
phone, and keep it for future reference.

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Table of Contents

Section 1: Getting Started

This section explains how to start using your SCH-r330 phone.

Understanding this User Manual

The chapters of this guide generally follow the same order as the menus and sub-menus in your phone.

A robust index for quick reference to most features begins on page 104.

Important safety information that you should know before using your phone is near the back of the guide, beginning on page 76.

Notes and Tips

Throughout this manual, the following labels point out important information, quick methods for activating features, and more:

- **Notes**: Explain alternative options within the current feature, menu, or sub-menu.
- **Tips**: Provide quick or innovative methods for performing functions related to the subject at hand.
- **Important**: Points out important information about the current feature that could affect performance, or even damage your phone.

Text Conventions

To condense information in this manual, the following terms and icon appear in procedural steps:

highlight	Use the Navigation key (⬤) to move a highlighting effect onto a menu item or screen item of interest.
select	After "highlighting" a menu item or screen item, press the **OK** key ● to launch, access, or save a highlighted menu item or screen field of interest.
➔	Used in place of "select" in long "drill down" procedure steps.

> **Example:** "…**Settings** ➔ **Call Settings** ➔ **Call Answer**…"

Installing the Battery

Note: Your phone comes packaged with a partially charged rechargeable standard Li-Ion battery and travel adapter.

Important!: You must fully charge the battery the first time you use your phone, otherwise you could damage the battery.

Removing the Battery

Caution!: The display on your handset is made of glass or acrylic and could break if your handset is dropped or if it receives significant impact or excessive pressure, which could void the warranty (For more information, refer to *"Standard Limited Warranty"* on page 96.) Do not use if screen is broken or cracked as this could cause injury to you.

Important!: You must unplug the adapter before removing the battery from the phone during charging to avoid damage.

Charging the Battery

Your phone is powered by a rechargeable standard Li-Ion battery. Only use Samsung-approved charging devices and batteries. Samsung accessories are designed to maximize battery life. **Use of other accessories may invalidate your warranty and may cause damage.**

Use the Travel Adapter

The travel adapter rapidly charges your phone from any 120/220 VAC outlet.

1. Plug the large end of the Travel Adapter into a standard 120 VAC or 220 VAC wall outlet.

Important!: For connection to an electrical supply not located in North America, you must use an adaptor of the proper configuration for the power outlet. Use of the wrong adapter could damage your phone and void your warranty.

2. Insert the smaller end of the Travel Adapter into the charger/accessory connector on the lower right side of your phone.
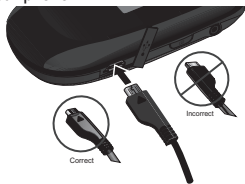
Important!: You must unplug the adapter before removing the battery from the phone during charging to avoid damage.

Low battery indicator

The battery indicator (▭) in the upper-right corner of the display indicates power level. Monitor the battery strength and ensure your battery is adequately charged.

• Five bars (▭) indicate a full charge.

• An empty battery icon (▭) indicates a near empty battery.

• A blinking empty battery icon (▭) and a tone sounding indicate you have two to three minutes before the battery is too low to operate the phone.

If you continue to use your phone without charging its battery, the phone will shut down.

Activating Your Phone

Contact your Wireless Carrier and follow their instructions for obtaining service, if necessary. We suggest that you read this guide to fully understand the services your phone supports.

Turning Your Phone On

1. With the phone open, press the 🔘 key until the display lights.

Note: As with any other radio-transmitting device, do not touch the antenna while using your phone as this can affect call quality and can cause the phone to operate at a higher power level than is necessary.

2. The phone begins searching for a network signal. Once the phone finds a signal, the time, date, and day appear near the top of the display. You're now ready to place and receive calls.

Note: If you are outside of your carrier's coverage or roaming area, the No Service icon (📵) appears at the top of the phone's display. If you cannot place or receive calls, try later when service is available, or at another location.

Press & Hold

Internal Antenna

Turn Your Phone Off

▶ With the phone closed, press and hold the 📟 key for two or more seconds. Your phone powers off.

Note: If your phone is on and you press 📟 for less than one second, the phone will not power off. This prevents your phone from being turned off accidentally.

Setting Up Your Voicemail

Voicemail allows callers to leave voice messages, which can be retrieved any time.

Note: Once your Voicemail account has been set up, you can use the **Voicemail** folder (under the **Message** menu) to view details of voice messages in your Voicemail box.

1. In Standby mode, press and hold the 📟 key or dial your own mobile number to dial Voicemail.

2. Follow the prompts in the new user tutorial to setup your mail box.

Listen to Voicemail

1. In Standby mode, press and hold the 📟 key or dial your own mobile number to dial Voicemail. After connecting, you will hear your voice greeting.

2. You are prompted to enter your password.

Section 2: Understanding Your Phone

This section lists some important features of your phone and describes the keys and the screen format.

Features of Your Phone

• Domestic and international voice and text messaging service (available on participating networks).
• Bluetooth® Stereo (v2.1) Wireless Technology (see Note)
• Global Positioning (GPS) Technology
• Personal Information Management (PIM) Functions
• Picture (MMS) Messaging
• Text (SMS) Messaging
• Built-in 1.3 Megapixel Digital Camera
• Voice Dial
• Speakerphone

Note: The SCH-r330 supports the wireless Handsfree Profile (HFP) and OBEX profiles for Bluetooth® wireless technology. The SCH-r330 does not support the Bluetooth serial port profile.

Closed View of Your Phone

Features

1. Volume Key — Lets you adjust the ring volume in Standby mode, adjust the voice volume during a call, or mute the ringer during an incoming call.

2. Camera Lens — The lens of your built-in camera.

3. Front Display — Indicates the status of your phone, including status icons, message indicators, signal strength, and so on.

4. Headset Jack — Used to connect an optional headset (for hands free operation) or optional TTY device.

5. Camera Key — Launches the Camera feature of your phone and takes photos.

6. Power / Accessory Connector — Used to connect charging accessories or optional accessory cables to your phone.

Open View (Front) of Your Phone

Features

1. Main Display — Indicates the status of your phone, including numbers dialed, feature and function screens, status icons, message indicators and contents, signal strength, and so on.

2. Navigation Key — In Menu mode, lets you scroll through the phone menu options. In Standby mode, lets you access preset functions and one user-defined function.

3. Left Soft Key — Used to navigate through menus and applications and to select the choice indicated at the bottom left corner of the Main LCD.

4. SEND Key — Lets you place or receive a call. In Standby mode, press the key once to access the recent calls log.

5. Voicemail Key — Lets you speed dial your Voicemail account to review your voice messages.

6. Special Function Keys — Enter special characters. Perform various functions.

7. Microphone — Lets the other caller hear you clearly when you are speaking to them.

8. Voice Recognition Key — Used to launch VoiceSignal voice recognition system.

9. Alpha-numeric Keys — Use these keys to enter numbers, letters, and characters.

10. END Key — Ends a call. If you press and hold the END key, the power goes On or Off. When you receive an incoming call, press to send the call to voicemail.

11. CLR Key — Deletes characters from the display when you are in text entry mode. Press this key to return to the previous menu or screen when navigating features on your phone.

12. Right Soft Key — Used to navigate through menus and applications and to select the choice indicated at the bottom right corner of the Main Display.

13. OK Key — Pressing when navigating through a menu accepts the highlighted choice in a menu.

14. Earpiece / Speaker — Lets you hear ringing and alert tones, alarm tones, and the other parties to calls.

Understanding the Display Screen

1. Icons indicating network and phone statues. (For more information, refer to *"Display Screen Icons"* on page 11.)

2. Icon indicating that Auto Answer function is active. (For more information, refer to *"Auto Answer"* on page 71.)


```
1 — Ru    ⊠⊙         ♪▥
            ⓑ
2 — AA
3 — TUE        PM 12:10
    DEC 22
4 — ◄  ⓞ              ►
5 —      U.S. Cellular
            ✈
6 — Msgs   Menu  Contacts
```

3. Current day of the week, date, and time.

4. The center of the screen shows information such as call progress indicators, messages, photos, and, in Standby Mode, Navigation key shortcut icons. (For more information, refer to *"Navigation Key Shortcuts"* on page 13.)

5. This line shows the text Banner. (For more information, refer to *"Banner"* on page 69.)

6. The bottom line of the display shows current soft key functions. In sample screen, pressing the Left soft key will show the **Messages** menu screen, pressing **Menu** (●) will display the Main Menu screen, and pressing the Right soft key will show the Contacts **Find** screen.

Display Screen Icons

Your SCH-r330 phone can show you definitions of the icons that appear on the top line of the display.

To access the Icon Glossary:

► In Standby mode, press **Menu**, then select **Settings → Phone Info → Icon Glossary**. A list appears showing all of the icons that can appear on the top line of the display.

Dialogue Boxes

Dialogue boxes prompt for action, inform you of status, or warn of situations such as low battery. Dialogue boxes and their definitions are outlined below.

- **Choice**
  - Example: "Save Message?"
- **Reconfirm**
  - Example: "Erase All Messages?"
- **Performing**
  - Example: "Sending..." "Connecting..."
- **Completed**
  - Example: "Message Saved"
- **Information**
  - Example: "New Message"

- **Error**
    - Example: "System Error!"
- **Warning**
    - Example: "Low Battery," "Memory Full!"

Backlights

Backlights illuminate the displays and the keypad. When you press any key or open the phone, the backlights come on. They go off when no keys are pressed within a period of time set in the **Backlight** menu.

Note: During a phone call, the display backlight turns off after 10 seconds to conserve battery power, regardless of the Backlight setting.

For more information, refer to *"Backlight"* on page 70.

Section 3: Menu Navigation

This section explains the menu navigation for your phone.

Menu Navigation

Access the menus and sub-menus in your phone using the Navigation key (⊙) and soft keys (◀ ▶), or use a shortcut.

1. In Standby mode, select **Menu**. The first of several menus appears in the display.
2. Use the Navigation key to browse through the menus.
3. Press ⬤ to enter the menu or sub-menu that appears in the display.

Menu Shortcuts

Use shortcuts to quickly access menus and sub-menus. Select **Menu**, then press the number to the left of the menu label to jump to the desired menu, sub-menu, or feature.

Return to the Previous Menu

• Press **Back** to return to a previous menu.
• When **Back** does not appear in the display, press ◁ to return to the previous menu.

Example: To jump to the **Outbox** sub-menu from Standby mode, select **Menu**, then press ▦ (for **Messages**) and ▦ for **Outbox**.

13

Navigation Key Shortcuts

In Standby mode, press the Navigation key Up or Down to launch the corresponding applications in the pattern shown here.

Bluetooth*

Camera* —⊙— Messages*

easyedge^{SM}*
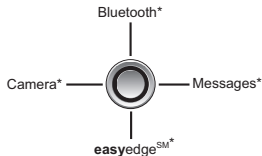
* These shortcuts can be customized. For more information, refer to *"Shortcut Key"* on page 72.

Shortcut Icons

In Standby mode, a pattern of four of the following icons indicate the current Shortcut Key assignments:

✦	**easy**edge^{SM}	▦	Calculator
✉	Messages	▦	Tip Calculator
🖼	My Images	◿	Converter
📷	Camera	📅	Calendar

My Ringtones

My Sounds

Inbox

Tools

Alarm Clock

Stop Watch

Bluetooth

Section 4: Entering Text

This section outlines how to enter text using the phone keypad. This section also describes how to use the T9 predictive text entry feature to reduce the number of key strokes needed to enter text.

Text Entry Modes

Changing the Text Entry Mode

In any text entry screen or field, the current text entry mode (**T9word**, **T9Word**, **T9WORD**, **abc**, **Abc**, **ABC**, **123**, or **Symbols**) is shown in the lower left of the display. To change the text entry mode:

▶ Press the Left soft key to scroll through available text entry modes.

• **T9 Word** — Press each phone key only once to enter the letter of the word that you're spelling. The phone recognizes common words from the keys pressed.

• **Abc** — Enter letters, numbers, and symbols by repeatedly pressing each phone key until the desired character (as shown on the key) appears in the display.

• **123** — Enter numbers by pressing the corresponding keypad keys.

• **Symbols** — Using the phone keypad, enter a symbol into your message by pressing the number next to the symbol in the Symbols pop-up window.

Using T9® Mode

T9 Word recognizes commonly used words matching the numeric sequence of key presses and inserts the word into your message. Text entry using T9 Word is much faster than the traditional method (**Abc**) and *requires only one key press per letter* of the word.

For example, to enter the word "Samsung", press each of the following keys *only once*:

S   A   M   S   U   N   G

If more than one word shares the same numeric sequence, T9 Word inserts the most commonly used word, and displays any additional words in a pop-up menu where you can select the desired word.

▶ To switch to **T9Word** while composing a text message, press the Left soft key, then select **T9Word**.

Note: To enter a space, press the key. To enter a period, press the key. These key functions apply to both T9 Word and Abc modes. (For other symbols, see *"Entering Symbols"* on page 16.)

Adding Words to the T9 Word Dictionary

If pressing the keys corresponding to a word you want to enter does not display that word, do the following:

1. Press the Left soft key and select **Add T9 Word**.

2. Enter the word you want to add to the T9 Word dictionary, then press ⬤. The word is added to the T9 dictionary.

Note: In **Add T9 Word** mode, you enter a word using the same multiple keypress method as when in Abc text entry mode.

Using Abc/ABC Mode

Abc mode enters characters with the first character of each word capitalized. **ABC** mode enters characters as all capitals.

1. To switch to **abc**, **Abc,** or **ABC** mode while composing a text message, press the Left soft key, then select **Abc** or **ABC**.

2. Enter characters while in **abc**, **Abc,** or **ABC** mode by using the keypad:
   • Press the key repeatedly until the desired character appears in the display (for example, press 4 once for "G" and twice for "H").
   • Pause briefly and the displayed character is accepted and inserted into your message.
   • Press # to enter a space and press 1 to enter a period.

Using 123 Mode

Enter numbers into a text message while in **123** mode.

1. To switch to **123** mode while composing a text message, press the Left soft key, then select **123**.

2. Enter numbers while in 123 mode by pressing the key labeled with the desired number.

Entering Symbols

Enter symbols such as "@" or "%" into a text message.

1. To switch to **Symbols** mode while composing a text message, press the Left soft key, then select **Symbols**.

2. The first of three symbol screens is displayed. Use the Left and Right soft keys and Navigation key to browse the list.

3. Select a symbol to enter it in your message text.

4. To insert additional symbols into your message, repeat Steps 1 through 3.

Section 5: Call Functions

This section provides procedures for making and answering calls, and for reviewing your call time.

Making a Call

1. In Standby mode, enter an area code and a phone number.
2. To make the call, press ☎. (Adjust the volume with the Volume key.)
3. To end the call, press ☎.

Tip: To re-dial your last call, press ☎ twice.

To re-dial other recent calls, press ☎, highlight a call, and press ☎ again.

Emergency Calls

When you call an Emergency Number, such as 911, your SCH-r330 phone locks itself in Emergency mode, only allowing you to make calls to the emergency call center you originally contacted. This lets emergency operators more easily dispatch aid, such as police, fire fighters, and emergency medical personnel.

1. In Standby mode, enter the Emergency Number you wish to call.

Note: You can define up to 3 emergency numbers in your phone. (For more information, see *"Emergency #"* on page 73.)

2. Press ☎.

Tip: If you need to make an emergency (911) call with Airplane mode enabled, just dial the emergency number and press ☎. (For more information, see *"Airplane Mode"* on page 72.)

3. To exit Emergency mode, press ☎. You are prompted to confirm that you want to exit Emergency mode.
4. To confirm that you want to exit Emergency mode, press **Yes**.

Three-Way Calling

During a call, Three-Way Calling lets you call a third party and connect them to your existing call.

1. During a call, ask the other party to remain on the line.
2. Enter a third party's phone number and press ☎.
3. When the third party answers, press ☎ to connect all parties to the same call.

Dialing International Numbers

Call Another Country — Manual Method

1. In Standby mode, enter **011** (the three-digit exit code for the United States).

2. Enter the country code for the country that you are calling.

3. Enter the number that you wish to call, then press ![call icon].

Note: Puerto Rico and Canada are on the North American dialing plan. Making calls to Puerto Rico and Canada is similar to making calls within the United States, no unique country codes are necessary.

Call Another Country — Shortcut Method

1. In Standby mode, press and hold ![key icon] until a plus sign (**+**) appears in the display.

Note: When you press ![call icon], your phone automatically replaces this **+** with 011, the three-digit exit code for the United States.
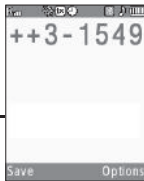
2. Enter the country code for the country that you are calling, or press and hold ![key icon] until a second plus sign (**+**) appears in the display.

Tip: If you place most or all of your international calls to numbers in the same country, set-up the **International Dialing** shortcut to dial that country's code for you. (For more information, refer to *"International Dialing"* on page 72.)
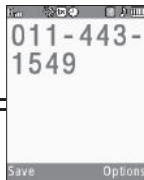
Note: When you press ![call icon], your phone automatically replaces the second **+** with the two-digit country code you have selected for the **International Dialing** shortcut.

3. Enter the number that you wish to call, then press ![call icon].

Manual Pause Calling

To manually call a number with pause(s) without storing it in your Contacts list:

1. In Standby mode, enter the number you wish to call.

2. Press **Options**. The following pause options appear in the display:

   • **2-Sec Pause** — A 2-second pause after which dialing resumes.

   • **Wait** — A hard pause (waits for input from you).

3. Select the desired pause to enter it into the number sequence.

4. Press ![call icon] to call the number.

Tip: Press **Save** to store pauses along with the number if you plan to call the number frequently.

Speed Dialing

Speed Dialing lets you place a call to any Contact stored in your Contacts list by dialing the Contact's Location number.

1-Touch Dialing (1 – 9)

▶ In Standby mode, press and hold the number key (1 – 9) corresponding to the desired Contact's speed dial number.

Example: To speed dial the Contact assigned speed dial 5, press and hold ⑤.

2-Touch Dialing (10 – 99)

1. In Standby mode, enter the first digit of the desired Contact's speed dial number.
2. Press and hold the number key representing the second digit.

Example: To speed dial the Contact assigned speed dial 35, press ③ then press and hold ⑤.

3-Touch Dialing (100 – 999)

1. In Standby mode, enter the first two digits of the desired Contact's speed dial number.
2. Press and hold the number key representing the third digit.

Example: To speed dial the Contacts entry assigned to speed dial 235, press ②, press ③, then press and hold ⑤.

Voice Dialing

Your SCH-r330's voice recognition let's you speak phone numbers and Contact names *in a natural manner* to call them.

Note: End Calls Before relaunching the VoiceSignal voice recognition software — When you use voice recognition to make a call, you must end that call before you can use other Voice Commands. See *"Voice SVC"* on page 58 for more information.

Voice Dialing Tips

• Wait for the beep before speaking.
• Speak clearly at a normal volume, as if you were talking to someone on the phone.

Dialing a Contact Name

1. In Standby mode, press and hold ☐ until "**Say a command**" appears in the display and plays through the earpiece.
2. Say "**Call**" followed by the Contact's first and last names. Voice Dial repeats the name and dials the number.

Note: If Voice Dial is unsure which name you said, it displays a choice list of up to three names and prompts you with "**Did you say**?" followed by the first name on the list. Say "**Yes**" to confirm the name, "**No**" to hear the next name, or use the keypad to select the correct name from the list.

3. If the recognized name has multiple numbers stored for it, Voice Dial displays the possible choices and prompts you with "**Which number?**" Say "**Home**", "**Work**", or "**Mobile**", and Voice Dial dials the specified number.

4. Press 📟 to exit VoiceSignal without dialing.

Dialing a Number

1. In Standby mode, press and hold 🔘 until "**Say a command**" appears in the display and plays through the earpiece.

2. Say "**Call**" followed by the telephone number of the person you want to call. Voice Dial repeats the number and dials it.

Example: Say "7 8 1 5 5 5 7 2 0 0."

Note: If Voice Dial is unsure of the number, it displays a choice list of up to three numbers and prompts you with "**Did you say**?" followed by the first number on the list. Say "**Yes**" to confirm the number, "**No**" to hear the next number, or use the keypad to select the correct number from the list.

---

3. Press 📟 to exit VoiceSignal without dialing.

Answering a Call

When you receive a call, the phone rings and displays one of the following:

• If the caller can be identified, the caller's number (or name if it's in your Contacts) appears in the display.

• If the caller cannot be identified, **Call from unavailable #**, **Call from restricted #**, or no number appears in the display.

Tip: When you assign pictures to Contacts entries, the entry's assigned picture appears in the display when you receive a call from that entry. (See *"Assigning a Picture to a Contacts Entry"* on page 30).

The phone continues to notify you of the call until one of the following events occurs:

• You answer the call.

• The calling party ends the call.

• The call is sent to voicemail.

Call Answer

You can set your phone to answer calls only when you press 📞 or when you press any key except 📟, ⬜⬜, or 📷. (For more information, refer to *"Call Answer"* on page 71.)

Call Notification Features

Your phone notifies you of a call in a variety of ways.

- Eight ring volume settings: **Silence All**, **Vibrate**, **Low**, **Low/Medium**, **Medium**, **Medium/High**, or **High**.
- Different ring types or melodies to distinguish callers.
- Name display with caller ID. (If the caller's name is programmed into your Contacts list).

Note: Information about the last 90 each of incoming, missed, and outgoing calls are automatically stored to a call log.

Set Call Ringer Volume

1. In Standby mode, press the Volume key on the left side of the phone up or down to set the call ringer volume as desired.

2. Once you're satisfied with the setting, press ⬤. The phone returns to Standby mode.

Note: The Vibrate icon (📳) appears in the display when the call ringer is set to **Vibrate**. The Vibrate/Ring icon (📳) appears in the display when you press **Vibrate on**.

Call Waiting

If you're on a call, your phone beeps when you receive a second call. Call Waiting lets you answer the second call and alternate between both calls.

Note: Contact your Wireless Carrier for availability.

1. Press 📞 to place the first call on hold and answer the second call.

2. Ask the caller to remain on the line, then press 📞 to place the second call on hold and return to the first call.

3. Press 📞 to alternate between calls.

Silence an Incoming Ring

To temporarily silence the incoming call ringer:

▶ While your phone is ringing, press the Volume key (▭▭), on the left side of the phone, up or down.

Ignore an Incoming Call

Ignored calls are immediately forwarded to Voicemail.

To ignore an incoming call:

▶ While your phone is ringing, press **Ignore**. The incoming call is forwarded to Voicemail.

In-Use Menu

You can access a number of menus and features even while in a call.

▶ While in a call, you can:
- Press **Mute** / **Unmute** to disable /enable your phone's microphone.
- Press **Options**. The following options pop-up in the display:
  – **Messages** — Display the Messages menu.
  – **Contacts** — Display the Contacts menu.

– **Recent Calls** — View your recent calls log.

– **Send DTMF** — Send your phone number as DTMF tones to the other person on the call.

– **Voice Privacy** — When set to **Enhanced**, the phone sounds an audible beep when you loose privacy (encryption) on a CDMA connection. [This option requires that this option is set to **Enhanced**. (The default setting.) For more information, refer to *"Voice Privacy"* on page 71.]

– **Location** — Turn your GPS location on or set GPS location for emergency calls only.

– **Speaker On** / **Off** — Enables / disables Speakerphone mode during the call. (For more information, refer to *"Responsible Listening"* on page 85.)

• With the above menu displayed, do one of the following:

– Select a menu or feature to access the sub-menu or activate the selected feature.

– Press **Cancel** to exit the menu.

Calls Logs

Your phone has Call Logs that retain information about Outgoing, Incoming, and Missed Calls for future reference, to return calls, and to add new Contacts. You can also view times for your last call and the total of all calls.

▶ To access the Calls Logs, in Standby mode, press **Menu**, then select **Calls**.

Tip: To quickly view a list of your most recent calls (outgoing, incoming, and missed), briefly press 🔲 while in Standby mode. The **All Calls** screen, listing up to 270 of your most recent calls, appears in the display.

Outgoing / Incoming / Missed Calls

1. From the **Calls** menu, select **Outgoing Calls** / **Incoming Calls** / **Missed Calls**. A list of your outgoing, incoming, or missed calls appears in the display.

2. Highlight a call. You have the following options:

• To send a message to the caller, press **Msgs**. The **Send Message** menu appears in the display. (For more information, refer to *"Create and Send Text Messages"* on page 36 or *"Send Picture Messages in Standby Mode"* on page 37.)

• To view information about the call, press **OPEN** (⬤).

• To access further options, press **Options**. The following options appear in the display:

– **Save** — Save the number to your Contacts.

– **Details** — Contacts calls only — Lets you view the Contacts entry for the originator or recipient of this call.

– **Erase** — Erase the selected call from your Outgoing calls list.

– **Lock** / **Unlock** — Blocks/permits erasure of the selected call from your Outgoing, Incoming, or Missed call list.

– **Erase all** — Erase all unlocked calls from your Outgoing call list.

– **View Timer** — **Call Timer** screen appears in the display listing the number and types of calls and their total durations. (See *"Call Timer"* on page 23 for more information.)

3. Select an option to perform its function.

Data Calls

Your phone retains information about the last 10 data calls and stores them in the Data call log. You can review the Data call log for the time and date of the call, as well as other information.

1. From the **Calls** menu, select **Data Call**. A list of your **Data** calls appears in the display.

2. Highlight a data call. You have the following options:

• To view further information about the call, press **OPEN** (⬤).

• To access further options, press **Options**. The following options appear in the display:

• **Erase** — Erase the selected call from your Data call log.

• **Lock** / **Unlock** — Blocks / permits erasure of this Call entry.

• **Erase All** — Erase all calls from your Data call log.

• **Data Counter** — Shows the amount of data Transmitted and Received during this call, the Total amount of data exchanged since the counters were last reset, and the total amount of data exchanged since the phone was activated.

3. Select an option to perform its function.

Erase Logs

You can erase Outgoing, Incoming, Missed, or All Calls.

Erase All Calls

1. From the **Calls** menu, select **All Calls**. The **All Calls** list appears in the display with the first call in the list highlighted.

2. Press **Options**, then select **Erase all**. "**Erase all entries?**" prompts you to confirm erasure of all Calls log entries.

3. To Erase all calls, press **Yes**. To keep the calls, press **No**.

Call Timer

Call Timer shows you the duration of your last call, total calls, and calls made during the life of your phone. Call timer is not for billing purposes.

1. From the **Calls** menu, select **Call Timer**.

2. To reset a timer, highlight it and press **Reset**.

To reset all of the timers except **Lifetime Calls**, press **Reset All**.

Note: LifeTime call timers can never be reset.

3. Press ⬤ to exit the **Call Timer** screen.

Data Counter

Use Data Counter to view the amount of data sent or received (or a total of both) by the data services on your phone. The Data Counter can help you monitor data usage, especially if your service agreement has usage limits.

1. From the **Calls** menu, select **Data Counter**.
2. To reset a timer other than Lifetime Data Counter, highlight it and press **Reset**.
3. To reset all timers except **Lifetime Data Counter**, press **Reset All**.

Note: The **Lifetime Data Counter** can never be reset.

4. Press ⬤ to exit the **Data Counter** screen.

Store Numbers from Call Logs

You can store numbers from your **Outgoing**, **Incoming**, **Missed**, and **All** calls logs to your Contacts list.

Tip: In Standby mode, briefly press ▭ to display the **Recent Calls** list. You can then select any call in the list to save to **Contacts**.

1. From the **Calls** menu, select **Outgoing Calls** / **Incoming Calls** / **Missed Calls** / **All Calls**.
2. Select the number you wish to store in Contacts.

3. Press **Options**, then highlight **Save** and select **Create New** (to add the number as a Contacts entry) or **Update Existing** (to find a Contact with which to associate the new number).
4. Follow the prompts to store the selected number to your Contacts list.

Section 6: Understanding Your Contacts

This section details how you can manage your daily contacts by storing their names and numbers in your Contacts list.

Note: Although the procedures in this section are written for the phone keypad, you can also perform these procedures using the QWERTY keypad.

Contacts

Up to 500 entries can be stored in Contacts. Each entry can have up to five associated phone numbers and one e-mail address. Each phone number can be up to 32 digits in length, including **2-Sec** or **Wait** pauses (see *"Manual Pause Calling"* on page 18 for more information), and associated names can be up to 32 characters in length. You can assign the Speed Dial numbers of your choice for each entry. You can also mark your Contacts list as Restricted to prevent unauthorized viewing. (See *"Restriction"* on page 74 for more information).

Tip: Speed Dial **One-Touch Dialing**, **Two-Touch Dialing**, and **Three-Touch Dialing** allow you to call numbers stored in Contacts faster.

Open Contacts

1. In Standby mode, press **Menu**, then select **Contacts**. The following options appear in the display:

Adding a New Contacts Entry

You can use either of three methods to add an entirely new entry to Contacts.

Dial Method

1. In Standby mode, enter the number you wish to add to your Contacts.

2. Press **Save**.

   The following options appear in the display:
   • **Create New** — Lets you create a new Contacts entry.
   • **Update Existing** — Lets you add the number you entered to an existing Contacts entry.

3. Select **Create New**. The **Create New** screen appears in the display showing the following icons:

📱 Mobile	🏠 Home	🏢 Work
📟 Pager	🖨 Fax	

4. Select the number type that matches your new entry.

5. Use the keypad to enter a name to associate with the Contacts entry.

6. Press ⬤ to save the new entry.

Add to an Existing Entry

1. From the **Save** screen, select **Update Existing**. The **Update Existing** screen appears in the display showing your Contacts list with the **Go To** field and the first Contacts entry highlighted.

2. Find and select the Contacts entry to which you want to add the new number. (See *"Finding a Contacts Entry"* on page 27 for more information.)

The following number type options appear in the display:

📱 **Mobile**	🏠 **Home**	🏢 **Work**
📟 **Pager**	🖨 **Fax**	

Note: Number types that are already assigned a number show the number instead of the number type label.

3. Select the desired unassigned number type. The Contacts entry information appears in the display with the new number posted in the appropriate number type field.

4. Press ⬤ to save your changes to the existing entry.

Saving a Number After a Call

Once you finish a call, you can store the caller's number to your Contacts list.

Note: If the call was incoming and Caller ID information was unavailable, then the **Save** option is also unavailable.

1. Press 📞 to end your call. The call time, length of call, phone number, and name of the party (if available) appear in the display.

2. Press **Save**. The Save screen appears in the display showing the following options:
- **Create New** — Lets you create a new Contacts entry.
- **Update Existing** — Lets you add the number you entered to an existing Contacts entry.

3. Select the desired option, then follow the instructions in the preceding sub-sections depending on whether the number is a new entry or you are adding it to an existing entry.

Menu Method

1. From the **Contacts** menu, select **Add New Contact**.

The **Add New Entry** screen appears in the display with the **Name** field highlighted.

2. Enter the name of the new entry using either keypad. (See *"Entering Text"* on page 15 for more information.)

3. Highlight one of the following fields:

• **Mobile**	• **Pager**	• **Ringtone**
• **Home**	• **Email**	• **Fax**
• **Work**	• **Group**	

4. Enter a phone number or e-mail address in the highlighted field.

5. Repeat steps 3 and 4 as needed.

6. Press ⬤ to save the new entry.

Adding a Picture ID

To add a picture or image to a Contact that will identify that Contact as originator of a new call, do the following:

1. In the **Add New Entry** or **Edit Entry** screen, highlight the **No Picture** field at the top of the screen.

2. Press Set. The My Images list appears in the display. (For more information, refer to *"Using My Images"* on page 53.)

3. Select the desired picture or image. You are returned to the **Add New Entry** or **Edit Entry** screen with the selected picture or image at the top of the screen.

Calls Log Method

1. Display the desired Calls log. (For more information, refer to *"Calls Logs"* on page 22.)

2. Highlight the Call whose number you want to add to your Contacts.

3. Press **Options**, and select **Save**.

4. Repeat Steps 2 through 6 of *"Dial Method"* on page 25.

Finding a Contacts Entry

Menu Method

1. From the **Contacts** menu, select **Find**. The Contacts **Find** screen appears in the display.

Tip: You can also access the Contacts **Find** screen directly from Standby mode, by pressing **Contacts**.

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2. Enter the first few letters of the name you want. A list of Contacts with matching names appears in the display.

3. Highlight the desired Contact.

4. To dial the Contact:
   • Press 📞 to dial the Contact's default number.
   • To dial another of the Contact's numbers, press **View**, highlight the desired number, and press 📞.

5. To edit the Contact information, press **EDIT** (⬤).

Voice Method

Use the Voice SVC **Lookup** command to view contact information for any named contact stored in your Contacts list by saying the name.

Note: The **Lookup** command shows the requested contact information in the display but does not dial any phone numbers for the contact.

1. In Standby mode, press and hold ▣ to launch **Voice SVC**.

   "**Say a Command**" appears in the display and is pronounced through the speaker.

2. Say "**Lookup**".

   Voice SVC prompts you to "**Say the name.**"

3. Speak clearly and say the full name of the person you want to call, exactly as it is entered in your Contacts list.

   • If VoiceSignal recognizes the name you said, the Contact information for that name appears in the display.

   • If VoiceSignal does not recognize the name you said, a choice list of up to three names appears in the display, and VoiceSignal prompts you with "**Did you say?**" followed by the first name on the list.

4. Say "**Yes**" to confirm the name or "**No**" to hear the next name, or use the keypad to select the correct name from the list. (See *"Choice Lists"* on page 59, for more information.)

   • To say the name again, press **Repeat**.

   • To exit VoiceSignal without dialing, press ▣.

5. The contact information for the name you selected appears in the display.

   • To dial the number associated with the name, press ▣.

   • To erase this entry from your Contacts list, press **Erase**.

   • To add or change information for this entry, press **EDIT** (◯).

   • For more options, press **Options** and the following options pop-up in the display:

     – **Send Txt Msg**
     – **Send Pic Msg**
     – **Call**
     – **Send Name Card Via Bluetooth**

Quick Search Method

1. In Standby mode, and with **Quick Search** phone setting set to **On**, press the numeric keys that correspond to the first few letters of a Contact's name.

Note: For more information, refer to *"Quick Search"* on page 75.

For example, to search for "Sally" you would enter

7 PQRS   **2** ABC   **5** JKL

S   A   L

2. Press the Navigation key Up. The Contacts **Find** screen appears in the display with the first matching Contact name in a list and highlighted.

3. Highlight the desired Contact and press 📞 to call them.

Shortcut Key Method

If you've stored a name entry in Contacts, **Find** allows you to find it quickly.

1. In Standby mode, press **Contacts**.

   The **Find** screen appears in the display with the **Go To** field and the first Contacts entry highlighted.

Tip: You can also access the **Find** screen from the **Contacts** menu by selecting **Find**.

2. Enter a name *as entered in Contacts*. For example, if you saved the name as "Amy Smith", begin the search by pressing **2** ABC or (for "**A**").

   As you enter letters, the names of the closest matches appear in the display.

3. When the desired entry is listed in the display, highlight the entry.

   • To dial the default number associated with the name, press 📞.

Tip: You can select another number assigned to the name by using the Left/Right navigation keys.

   • To add or change information for this entry, press **Edit**.

   • To show information about the entry., press **VIEW** (⬤)

   • For more options, press **Options**.

Editing a Contacts Entry

Editing Contacts Name and Numbers

1. Find the Contacts entry you wish to change. See *"Finding a Contacts Entry"* on page 27 for more information.

2. Highlight the entry and press **EDIT** (⬤). The **Edit Contact** screen appears in the display.

3. Highlight the particular information you want to add or change.

4. When you're finished changing the contents of a field, press ⬤. Your changes are saved and a confirmation message appears in the display.

Add Pauses to Contacts Numbers

Calls to automated systems such as banking services often require a password or account number. Instead of manually entering these numbers, you can store them in a Contacts entry with the phone number and with special characters called pauses, up to a maximum of 32 digits.

1. From the **Edit Contact** screen, select and edit the desired number. (See *"Editing a Contacts Entry"* on page 29 for more information.)

2. Press **Options**. The following pause options appear in the display:

   • **Wait** — A hard pause (waits for input from you).

Note: You can enter multiple Waits to extend the length of a pause. For example, two consecutive Waits cause a total pause time of four seconds. Keep in mind that pauses count as digits towards the 32-digit maximum.

   • **2-Sec Pause** — A 2-second pause after which dialing resumes.

3. Select the desired pause to add it to the number sequence.

4. When you're finished entering information, press ⬤ to store the number to Contacts.

Pause Dial from Contacts

1. If you stored the number using 2-second pause(s), simply recall the number from Contacts.

2. If you stored the number using Wait(s), recall the number from Contacts and wait for the appropriate prompt from the dialed number.

3. Press ▭ to dial the number.

Edit an Existing E-mail Address

1. From the **Edit Contact** screen, highlight the **Email** field. (See *"Editing a Contacts Entry"* for more information.)

2. Use either keypad to edit the e-mail address. (See *"Entering Text"* on page 15 for more information.)

3. Press **SAVE** (⬤) to save your changes.

Assigning a Picture to a Contacts Entry

When you assign a picture to a Contacts entry, the picture you assign appears in the display when you receive a call from that Contact.

1. From the **Edit Contact** screen, highlight the **Picture ID** field (at the top of the **Edit Contact** screen), then press **Set**.

   A photo gallery screen appears in the display, showing a series of thumbnail photos. (See *"Using My Images"* on page 53 for more information.)

2. Select the picture that you wish to assign to the Contacts entry.

If there is no usable picture in the photo gallery screen:

- Press **Camera**. The camera viewfinder screen appears in the display.
- Press **TAKE** (⬤). The picture you have taken appears in the display.
- Press **OK** (⬤).

The Contacts entry screen appears in the display with a thumbnail view of the selected picture in the Picture ID field.

3. Press **SAVE** (⬤) to save your Picture ID assignment.

Assigning a Ringtone to a Contacts Entry

When you assign a ringtone to a Contacts entry, the phone plays the ringtone that you assign when you receive a call from that Contact instead of the Voice Calls ringtone.

1. From the **Edit Contact** screen, highlight the **Ringtone** field, then press **Set**. The **Contact Tone** menu showing the following options appears in the display:

- **My Ringtones**
- **My Sounds**

2. Select the desired option. The **My Ringtones** file list or the **My Sounds** file list appears in the display.

3. Select the ringtone or sound that you wish to assign to the Contacts entry. The Contacts entry screen appears in the display with the name of the selected file in the **Ringtone** field.

4. Press **SAVE** (⬤) to save the ringer assignment to the selected Contacts entry.

Speed Dial

A Contacts entry's Speed Dial number corresponds to the number keys you press to speed dial one of that entry's numbers. For example:

- To speed dial the Contacts entry assigned to Location 5, press and hold 5 JKL , (1-touch dialing).
- To speed dial the Contacts entry assigned to Location 35, press 3 DEF then press and hold 5 JKL , (2-touch dialing).
- To speed dial the Contacts entry assigned to Location 235, press 2 ABC , press 3 DEF , then press and hold 5 JKL , (3-touch dialing).

You can assign one or more Speed Dial numbers to a Contacts entry during new entry creation or by editing an existing entry.

Assignment During Entry Creation

To assign a Speed Call number to a new Contacts entry number, do the following:

1. Follow either of the New Contacts entry procedures (see *"Adding a New Contacts Entry"* on page 25) until you enter a name for the entry.

2. After entering the Contacts entry name, *do not press* ⬤. Instead, highlight the number field to be assigned a Speed Dial number.

3. Press **Options**, then select **Set Speed Dial**. The **Speed Dial** screen appears in the display.

4. Highlight an **Unassigned** Speed Dial number or enter an **Unassigned** Speed Dial number in the **Go To** field using either keypad.

Important!: Do not enter Speed Call numbers 1 or 911. These numbers are already assigned to Voicemail (001) and to emergency use (911).

5. Press **SET** (⬤). You are prompted to confirm your Speed Dial number assignment.

6. Press **Yes** to save your Speed Dial assignment and return to the **Add New Entry** screen.

   Press **No** to discard the assignment and return to the **Speed Dial** screen.

7. Press ⬤ to save your changes.

Changing a Speed Dial Location

1. Find the Contacts entry you want to edit. See *"Finding a Contacts Entry"* on page 27 for more information.

2. Highlight the desired entry, then press **Edit**.

3. Highlight the number field marked by the Speed Dial icon (⚡).

4. Press **Options**, then select **Remove speed dial**. "**Remove speed dial?**" prompts you to confirm your desire to remove the entry.

5. Press **Yes** to remove the Speed Dial assignment. "**Speed Dial Removed**" pops up in the display, and you are returned to the **Edit Contact** screen.

6. Do steps 2 through 7 of the "Assignment During Entry Creation" procedure on page 32.

Contacts Groups

Contact Groups let you easily send messages to multiple, selected Contacts. You can also use Groups to find Contact entries and to add/remove Contacts names in a Group or to create or rename a Group.

Add Contacts Entry to a Group

Using Add New/Edit Contact Option

To add a Contact to a Group using either the Add New Contact option or the Edit Contact option, do the following:

1. Create a Contacts entry (see *"Adding a New Contacts Entry"* on page 25 for more information) that you want to add to a Group.

– Or –

Find a Contacts entry (see *"Finding a Contacts Entry"* on page 27 for more information) that you want to add to a Group.

2. Highlight the **Group** field, then press **Set**.

The Select Group screen appears in the display showing Groups similar to the following:

- **No Group**
- **Colleague**
- **Friends**
- **Business**
- **Family**

3. Select the Group to which you want to assign the selected Contact.

You are returned to the **Add New Entry/Edit Contact** screen and the selected Group name populates the **Group** field.

4. Press ⬤ to save your changes.

Using Group Add Option

The Add option lets you add one or more existing Contacts to a Group.

1. From the **Contacts** menu, select **Group**.

The **Group List** screen appears in the display showing Groups similar to the following:

- **No Group**
- **Colleague**
- **Friends**
- **Business**
- **Family**

2. Highlight a Group, then press **Options**. The following options pop-up in the display:

- **Send Message**
- **Rename**
- **Erase**
- **Add**

3. Select **Add**. The **Add Contacts** screen appears in the display showing a list of Contacts entries.

4. Do one of the following:

- Highlight a Contacts entry you want to add to the group, then press **MARK** (⬤). A check mark appears in the entry's check box.

  Repeat as needed to check all the desired Contacts.

- Press **Options**, then select **Mark All**.

5. When you have marked the Contacts you want to add to the group, press **Done**. "**Contact added to group**" appears in the display, followed by the selected Group list including the added Contacts.

Rename a Group

The Rename option lets you change the name any of the Groups, except **No Group**.

1. From the **Contacts** menu, select **Group**. The **Group List** screen appears in the display.

2. Highlight a Group name (other than **No Group**) that you wish to change, then press **Options**.

3. Select **Rename**.

   The **Rename Group** screen appears in the display.

4. Enter changes to the group name using either keypad. (See *"Entering Text"* on page 15 for more information.)

5. When you have completed your changes to the Group name, press **SAVE** (◯).

   "**Group Renamed**" appears in the display followed by the Group List screen showing your renamed Group.

Add a New Group

The **New** option lets you add Groups.

1. From the **Contacts** menu, select **Group**. The **Group List** screen appears in the display.

2. Press **New**. The **New Group** screen appears in the display.

3. Enter a new group name using either keypad. (See *"Entering Text"* on page 15 for more information.)

4. Press **SAVE** (◯). "**Group Saved**" appears in the display followed by the Group List screen showing your new Group.

Erase a Group

The **Erase** option lets you delete a Group, thus freeing you to reassign the Contacts formerly in the Group.

1. From the **Contacts** menu, select **Group**. The **Group List** screen appears in the display.

2. Highlight the Group you wish to delete, then press **Options**, and select **Erase**.

   You are prompted to confirm the Group erasure.

3. Press **Yes** to confirm erasure of the highlighted Group. Press **No** to retain the Group.

Note: When you delete a Group, the assigned Contacts entries return to **No Group**.

Deleting a Contacts Entry

1. Find the Contacts entry you want to delete. (See *"Finding a Contacts Entry"* on page 27 for more information.)

2. Highlight the desired entry, then press **Options** and select **Erase**. The phone prompts you to confirm the erasure.

3. Press **Yes** to confirm erasure of the selected Contact. Press **No** to retain the Contact.

Memory Info

The **Memory Info** menu option lets you view the amount of memory you have used to store Contacts entries, as well as the memory remaining to store more Contacts entries.

▶ From the **Contacts** menu, select **Memory Info**.

The **Memory Info Contacts** screen appears in the display showing the amount of memory Used and remaining (Free) for Contacts entries.

Section 7: Messages

This section explains how to use your phone to exchange Text and Picture messages with compatible phones and devices.

Note: Available memory is shared between all messages. You can store up to 100 messages. However, the exact number is dependent upon message length.

Accessing the Messages Menu

► In Standby mode, press **Msgs**.

– or –

Press **Menu**, then select **Messages**.

The **Messages** menu appears in the display.

Create and Send Text Messages

Text messages can be up to 160 characters in length.

1. From the **Messages** menu, select **Send Message → Text Message**. The **Create Txt Msg** screen appears in the display showing the **To:** list.

Tip: To launch the **Create Txt Msg** screen using a voice command — In Standby mode, press and hold ▣ until the phone prompts, "**Say a command.**" Say "**Send Text**" into the microphone. You are then prompted to say a Contact name or a number for the first recipient of the message.

2. Enter the phone number or e-mail address of the recipient. Press **Add** to address your message to **Contacts**, **Groups**, or **Recent Calls**.

3. Press ◯. The **Text:** appears in the display.

4. Enter your message text.

5. If needed, set message delivery options by pressing **Options**. (For more information, refer to *"Message Content and Delivery Options"* on page 39.)

6. Once you're finished entering your message, press **SEND** (◯).

Send Picture Messages in Camera Mode

Picture messages can be sent to recipients with compatible phones or devices. You can even accompany a Picture message with a voice memo or other sound file.

1. In Standby mode, launch the Camera and take a picture. (For more information, refer to *"Taking Snap Shots (Single Pictures)"* on page 47.)

2. Press **Send** (◯) to save the picture and begin the delivery process. The **Create Pic Msg** screen then appears in the display with the **Send To:** list highlighted.

3. Enter the phone number or e-mail address of the recipient of the Picture message, then press **OK** ( ). The **Subject:** field appears in the display.

Tip: Press **Add** to display a pop-up menu containing: **Contacts**, **Groups**, **Recent Calls**, and **OnlineAlbum**. These options allow you to find and add recipients to the **Send To:** list.

Tip: You can send a Picture message to up to ten recipients. Enter each recipient's address or phone number in a separate **Send to** field of the Picture message composer.

4. Enter a subject for the Picture message.

5. Highlight the **Text:** field, then enter the message text.

6. Your new picture is already in the **Picture:** field.

7. If you wish to add a sound to your Picture message, highlight the **Sound:** field and do the following; otherwise, proceed to step 8.

• Press **Sounds**. The **My Sounds** screen appears in the display showing the following options:

– **Record New** — Record a new memo to insert into the message.

Note: If you record first before attaching a picture, you can record and insert a voice memo of up to 60 seconds in length. If you attach a picture before recording, the size of the voice memo is limited to the amount of remaining memory.

– **Audio files list** — Select from the list of previously recorded voice memos and preloaded audio files on your phone.

Select an option to insert a sound into your message.

Press to exit the pop-up menu without inserting a sound.

8. To complete the message text and set message delivery options, press **Options**. (For more information, refer to *"Message Content and Delivery Options"* on page 39.)

9. Press **SEND** ( ) to send the message. "**Pic Msg Sending**" appears in the display and a progress bar indicates the send status.

Send Picture Messages in Standby Mode

Send Picture messages to recipients with a compatible phone or other device, and accompany a Picture message with a voice memo, ringtone, or downloaded melody.

1. From the **Messages** menu, select **Send Message** → **Picture Message**. The **Create Pic Msg** screen appears in the display with the **Send To** tab highlighted and showing the **To:** list.

Tip: To launch the **Create Pic Msg** screen using a voice command — In Standby mode, press and hold until the phone prompts, "**Say a command.**" Say "**Send Picture**" into the microphone. You are then prompted to say a Contact name or a number for the first recipient of the message.

2. Enter the phone number or e-mail address of the recipient.

Press **Add** to address your message to **Contacts**, **Groups**, **Recent Calls**, and **OnlineAlbum**.

> **Tip:** You can send a Picture message to up to ten recipients. Enter each recipient's address or phone number in a separate **Send To** field of the Picture message composer.

3. Press ⬤. The **Subject:** field appears in the display.

4. Enter a subject for the Picture message.

5. Highlight the **Text:** field, then enter the message text.

6. For a Picture Message, highlight the **Picture:** field, then press **Picture**. A photo gallery of thumbnail images appears in the display.

7. Do one of the following:
   - Select a picture to add it to your message.
     To expand the highlighted picture for easier viewing, press **View**.
   - Include a new picture by doing the following:
     – Press **Camera**. The Camera viewfinder screen appears.
     – Press **TAKE** (⬤) or ▣ to take the picture.
     – Press **Send** (⬤).

> **Note:** For more information about using the Camera-Camcorder feature in your phone, see *"Camera"* on page 47.

- Press ◰ to exit the photo gallery screen without selecting a picture.

You are returned to the **Create Pic Msg** screen with the selected picture in the **Picture:** field.

8. For a Picture Message, to add a sound file to your message, highlight the **Sound:** field, then press **Sounds**. The **My Sounds** screen appears in the display.

9. Do one of the following:
   - Select a file from the list of previously recorded voice memos and other audio files on your phone.
   - Select **Record New** and record a new voice memo, then select the new recorded sound file to add it to the message.

> **Note:** If you record first before attaching a picture, you can record and insert a voice memo of up to 60 seconds in length. If you attach a picture before recording, the size of the voice memo is limited to the amount of remaining memory.

- Press ◰ to exit the **My Sounds** screen without selecting a sound.

10. To complete the message text and set message delivery options, press **Options**. (For more information, refer to *"Message Content and Delivery Options"* on page 39.)

11. Press **SEND** (⬤) to send the message. "**Pic Msg Sending**" appears in the display and a progress bar indicates the send status.

Message Content and Delivery Options

• **Edit Send To** — Text message only — Edit the recipient's number or email address.

• **Preview** — Picture message only — View the picture as the recipient will see it.

• **Add Quick Text** — Insert pre-composed text in your message.

• **Save As Draft** — Save the message to your Draft folder.

• **Priority Level** — Choose **Urgent**, **Normal**, or **Low** (Picture message only).

• **Validity Period** — Enter the **Date** when this message will cease to be valid, then press the Navigation key Left or Right to choose the **Time**.

• **Deferred Delivery** — Directs that this message not be delivered until a selected date and time.

• **(Enh.) Delivery Ack** — Choose **On** or **Off** — Requests confirmation when your message is received.

• **Remove Pic** — Picture message only — Remove the picture from your message.

• **Remove Sound** — Picture message only — Remove the sound file from your message.

• **Add To Contacts** — Save the recipient's number or e-mail address as a Contacts list entry.

Receiving Messages

When you receive a message, your phone notifies you in one of the following ways:

• **In Standby mode** — The ringer sounds (unless turned off) and **New Message** appears in the display along with the closed envelope icon (✉).

• **While in a call** — **New Message** appears in the display along with the closed envelope icon (✉).

The date and time of the message also appear in the display along with the following options:

• **View Now** — Downloads (picture messages) and opens the message. You have the following options:
   – **Text Message** — Forward, Reply With Copy, Save Quick Text, Lock, Add To Contacts, Message Info, or Extract.
   – **Picture Message** — Reply, Forward, Delete, Save Text, Save Pic, or Save Msg.

• **View Later** — Saves the message to your Inbox, where you can view it later, then returns your phone to its previous mode. (For more information, refer to *"Message Boxes"* on page 40.)

Messages and Lock Mode

Your phone can still receive messages while in Lock Mode. The time and date of the message appear in the display, but you cannot access the message until you enter the lock code.

Voicemail

Messages in your voice mailbox are logged in the Voicemail box of the **Messages** menu. Open the Voicemail box to view the details of the Voicemail message.

When you're notified of a new voicemail message by an alert tone and the new message icon, the following options pop:

• **Listen Now** — Calls your voice mailbox and lets you listen to your messages.

• **Listen Later** — Returns you to Standby mode where you can choose to call your mailbox and review your messages at a later time.

Listen to Voicemail Now

1. In Standby mode, select **Listen Now** in the New Voicemail pop-up. Your phone automatically calls your voice mailbox.

2. Follow the voice prompts to access your voicemail messages.

Listen to Voicemail Later

1. From the **Messages** menu, select **Voicemail**. The **Voicemail** screen appears in the display.

2. Press **OPEN**. Your phone dials your voicemail account.

Tip: You can also access your voicemail from Standby mode, by pressing and holding ![key] to speed call your voice mailbox.

3. Follow the voice prompts to access your voicemail messages.

Message Boxes

Inbox

Received messages of all types (except Voicemail) are stored in the **Inbox**.

Review Messages in the Inbox

1. From the **Messages** menu, select **Inbox**. The **Inbox** appears in the display showing a list of received messages.

Tip: While in a call, press **Options**, then select **Messages**.

2. Highlight the message you wish to view, then press **OPEN** (⬤) to view contents of the highlighted message.

3. While viewing your message, you can access additional options by pressing **Options**. (For more information, refer to *"Message View Options"* on page 42.)

Managing Inbox Messages

1. From the **Messages** menu, select **Inbox**. The **Inbox** appears in the display showing a list of received messages.

2. Highlight a message in the list, you have the following options:

- To remove the highlighted message from the Inbox, press **Erase**.
- To review the highlighted message, press **OPEN** (⬤).
- For more options, press **Options**. (For more information, refer to *"Message List Options"* on page 44.)

Outbox

Your phone stores messages in the Outbox, regardless of whether the message was successfully transmitted. Verify if and when a message or e-mail was successfully received by enabling the Enh. Delivery Ack/Delivery Ack feature.

Review Messages in the Outbox

1. From the **Messages** menu, select **Outbox**. Your list of sent messages appear in the display.
2. Highlight the message you wish to view, then press **OPEN** (⬤) to view contents of the highlighted message.
3. While viewing your message, you can access additional options by pressing **Options**. (For more information, refer to *"Message View Options"* on page 42.)
4. Select an option to perform its function.

Managing Outbox Messages

1. From the **Messages** menu, select **Outbox**. Your list of sent messages appear in the display.
2. Highlight a message in the list, you have the following options:

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- To remove the highlighted message from the Inbox, press **Erase**.
- To review the highlighted message, press **OPEN** (⬤).
- For more options, press **Options**. (For more information, refer to *"Message List Options"* on page 44.)

Draft Box

Messages in the Draft Box are those that have been composed and saved to the Draft Box. You can return to the Draft Box at any time to view, edit, or send a draft message.

Create a Draft Message

1. From the **Messages** menu, select **Send Message → Text Message** / **Picture Message**.

   The **Create Txt Msg** / **Create Pic Msg** screen appears in the display showing the **To:** list.
2. Enter the phone Number or Email address of a recipient, then press ⬤.

Tip: Press **Add** to display a pop-up menu containing: **Contacts**, **Groups**, **Recent Calls**, and **OnlineAlbum**. These options allow you to find and add recipients to the **Send To:** list.

3. Compose your message using either keypad, press **Options**, then select **Save As Draft**. "**Message saved in drafts**" appears in the display and your message is saved to the Drafts box.

View and Edit Draft Text Messages

1. From the **Messages** menu, select **Drafts**. A list of any draft messages that you've saved appears in the display.

2. Highlight a text message that you wish to view or edit, then press **EDIT** (⬤). The **Create Txt Msg** screen appears in the display.

3. Enter or change the recipient's number and/or e-mail address and the message text.

4. Make any needed changes, then set message send options by pressing **Options**. (For more information, refer to *"Message View Options"* on page 42.)

5. When you have completed composing your message, press **SEND** (⬤) to send it.

View and Edit Draft Pic. Messages

1. From the **Messages** menu, select **Drafts**. A list of any draft messages that you've saved appears in the display.

2. Highlight the picture message that you wish to view, then press **EDIT** key (⬤). The **Create Pic Msg** screen appears in the display.

3. Make any needed changes, then set message send options by pressing **Options**. (For more information, refer to *"Message View Options"* on page 42.)

4. When you have completed composing your message, press **SEND** (⬤) to send it.

Managing Draft Messages

1. From the **Messages** menu, select **Drafts**. A list of any draft messages that you've saved appears in the display.

2. Highlight a message, then do one of the following:
   - To remove the highlighted message from the **Drafts** box, press **Erase**.
   - To access other options, press **Options**. (For more information, refer to *"Message List Options"* on page 44.)

Message View Options

INBOX

- **Forward** — Send a copy of this message to another recipient.

- **Reply With Copy** — Compose and send a reply message to the originator of the received message and include a copy of the original message.

- **Save Sound** — Picture Messages Only — Save the audio file (sound) included in this message to the My Sounds folder.

- **Save Pic** — Picture Messages Only — Save the picture included in this message to the My Images folder.

- **Save Quick Text** — Save the text in this message as a new Quick Text.

- **Lock** / **Unlock** — Block/permit erasure of the highlighted message.

- **Add To Contacts** — Save the sender's number to your Contacts.

- **Message Info** — Shows message delivery status, addressee, size, and so on.

- **Extract** — Calls the sender of the received message.

OUTBOX

- **Play Again** — Replay the sound file in a Picture message.

- **Forward** — Send the highlighted message to another recipient.

- **Erase** — Picture Messages Only — Delete this message from the Outbox, if the message is Unlocked.

- **Lock** / **Unlock** — Block/permit erasure of the highlighted message.

- **Save Quick Text** — Save the message text as Quick Text for insertion into other messages.

- **Add To Contacts** — Save the recipient's number to your Contacts.

- **Message Info** — Shows message delivery status, addressee, size, and so on.

- **Extract** — Call or send a new message to the recipient for this message.

DRAFT Text

- **Edit Send To** — Change, add, or remove recipients from this message.

- **Add Quick Text** — Insert pre-composed text into your message text.

- **Save As Draft** — Save the message to your Drafts box.

- **Priority Level** — Choose **Urgent** or **Normal**.

- **Validity Period** — Enter the **Date** when this message will cease to be valid, then use the Left and Right navigation keys to choose the **Time**.

- **Deferred Delivery** — Enter the **Date** and **Time** when this message will be delivered.

- **Enh. Delivery Ack** — Choose **On** or **Off** — Requests confirmation when your message is received.

- **Add To Contacts** — Save the recipient's number or e-mail address to your Contacts.

DRAFT Pic

- **Preview** — Shows the message contents.

- **Add Quick Text** — Insert pre-composed text into your message text.

- **Save As Draft** — Saves the changed message to the Draft Box.

- **Priority Level** — Choose **Urgent**, **Normal**, or **Low**.

- **Validity Period** — Enter the **Date** when this message will cease to be valid, then use the Left and Right navigation keys to choose the **Time**.

- **Deferred Delivery** — Enter the **Date** and **Time** when this message will be delivered.

- **Delivery Ack** — Choose **On** or **Off** — Requests confirmation when your message is received.

- **Remove Pic** — Remove image included in draft message.

- **Remove Sound** — Remove sound file included in draft message.

- **Add To Contacts** — Save the recipient's number or e-mail address to your Contacts.

Message List Options

INBOX

–   **Reply** — Compose and send a reply message to the originator of the received message.

–   **Reply With Copy** — Compose and send a reply message to the originator of the received message and include a copy of the original message.

–   **Forward** — Send a copy of this message to another recipient.

–   **Lock / Unlock** — Block/permit erasure of the highlighted message.

–   **Add To Contacts** — Save the sender's number to your Contacts.

–   **Erase Multiple** — Delete one or more selected Unlocked messages from the Inbox.

–   **Message Info** — Shows message delivery status, addressee, size, and so on.

OUTBOX

–   **Forward** — Send the highlighted message to another recipient.

–   **Resend** — Send another copy of the highlighted message to the original recipient

–   **Lock / Unlock** — Block/permit erasure of the highlighted message.

–   **Add To Contacts** — Save the recipient's number to your Contacts.

–   **Erase Multiple** — Erase one or more selected Unlocked messages from the Outbox.

–   **Message Info** — Shows message delivery status, addressee, size, and so on.

DRAFT

–   **Send** — Send the highlighted message to the number or e-mail address currently included with the message.

–   **Lock / Unlock** — Block/permit erasure of the highlighted message.

–   **Add To Contacts** — Save the recipient's number and/or e-mail address to your Contacts.

–   **Save Quick Text** — Save the message text as Quick Text for insertion into other messages.

–   **Erase Multiple** — Delete one or more selected unlocked draft messages.

Erase Messages

You can erase all of the messages in any or all of message boxes using one convenient sub-menu.

Note: This function erases all messages in the selected message box. To delete a single message, go to the respective message box, highlight the message, and press **Erase**. (For more information, refer to *"Managing Inbox Messages"* on page 40, *"Managing Outbox Messages"* on page 41, or *"Managing Draft Messages"* on page 42.)

1. From the **Messages** menu, select **Erase Messages** ➔ **Inbox / Outbox / Drafts / All Messages**.

2. Select the message box containing the messages you want to delete. You're prompted to confirm the erasure of all messages in the selected box or in all boxes.

3. To delete the messages, press **Yes**. To cancel deleting the messages, press **No**.

Message Settings

Use the **Msg Settings** sub-menus to define settings for general, text, and picture messages.

General Message Settings

1. From the **Messages** menu, select **Msg Settings → General**. The following options appear in the display.

   • **Auto Save** — Choose whether your messages are saved automatically when you exit them (**On**, **Off**, **Prompt**).

   • **Auto Erase** — Choose to receive (**On**) or not receive (**Off**) a warning message when you delete a message.

   • **Quick Text** — Edit your pre-composed messages, which can then be inserted into new messages.

   • **Voicemail #** — Edit or view your Voicemail number.

   • **Entry Mode** — Choose the default method for entering text into messages (**T9word**, **T9Word**, **T9WORD**, **abc**, **Abc**, **ABC**, **123**).

   • **Callback #** — Choose whether to include a callback phone number with your outgoing messages, and enter the number to be included.

   • **Signature** — Choose whether to include a text signature in outgoing message text, and enter the text to be included.

   • **Reminder** — Select whether and how often you will hear and/or feel a reminder that you have received a message (**Once**, **Every 2 Minutes**, **Every 15 Minutes**, **Off**).

2. Select the desired option, then select the desired setting or enter the desired value.

Editing and Entering Quick Text

1. From the **Messages** menu, select **Msg Settings → General → Quick Text**. The **Quick Text** sub-menu appears in the display.

2. Select a Quick Text you want to change.

Note: You cannot change the pre-defined Quick Text included with your phone.

3. To create a new Quick Text, press **New**.

Tip: You can also create new Quick Text by viewing/editing an Outbox message and using the **Save Quick Text** option in the **Options** menu. See *"Review Messages in the Outbox"* on page 41 for more information.

4. Enter/change the text content of your Quick Text using either keypad. (See *"Entering Text"* on page 15 for more information.)

5. To save your finished Quick Text, press ⬤. The **Quick Text** menu appears in the display with your new Quick Text highlighted.

Text Message Settings

1. From the **Messages** menu, select **Msg Settings ➔ Text Message**. The following options appear in the display.

- **Auto View** — On/Off — With Auto View **On**, the full content of a text message appears in the display as the messages is received.

- **Signature** — Create a signature, which can be included at the bottom of outgoing message text.

- **Auto Scroll** — On/Off — With Auto Scroll **On**, the full content of a text message automatically rolls upward on the display, one screen-full at a time.

- **Message View** — Chat/Normal — With Message View set to **Chat**, multiple text messages exchanged with a single addressee appear as a chat session.

2. Select the desired option, then select the desired setting or enter the desired value.

Picture Message Settings

1. From the **Messages** menu, select **Msg Settings ➔ Picture Message**. The following options appear in the display.

- **Auto Receive** — On/Off — With Auto Receive **On**, Picture messages automatically download and display as they are received. With Auto Receive **Off**, you are prompted to download Picture messages.

- **Signature** — Create a signature, which can be included at the bottom of outgoing Picture message text.

2. Select the desired option, then select the desired setting or enter the desired value.

Section 8: Camera

Use your r330 phone to take full color digital pictures, display them on your phone's vivid color display, and instantly share them with family and friends. This section explains how you can do the following:

• Take pictures with your phone's built-in digital camera.

• Send and receive pictures taken with your phone's camera.

• Set the several options associated with the camera that help you take crisp, clear pictures.

Taking Pictures

Taking pictures with the built-in camera is as simple as launching it, choosing a subject, pointing the lens (located on the front of your phone's flip, near the hinge), and pressing a button.

Taking Snap Shots (Single Pictures)

To take a single picture using the current camera settings, do the following:

Camera Lens

1. In Standby mode, press and hold the Camera key ( ) on the right side of the phone.

   The camera view finder screen appears in the display. (For more information, refer to *"Screen Layouts"* on page 49.)
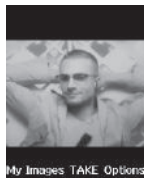
Note: You can also activate the camera by pressing **Menu**, then selecting **Multimedia ➔ Camera**.

2. Using the display as a viewfinder, point the camera at your subject.

3. To take a photo, press the Camera key ( ) or **TAKE**. The photo you've taken appears in the display.

   • To save the picture to memory, press **Save**.

   • To send the photo as part of a Picture message, press **Send**. (For more information, refer to *"Point, Click, and Send Pictures"* on page 48.)

   • To erase the photo, press **Cancel**.

Tip: You can change a number of the camera's settings to suit particular uses for your pictures. (For more information, refer to *"Camera Screen Icons"* on page 49.)

Taking Multi Shot Pictures

When taking pictures of moving subjects or subjects you cannot pose, such as children and pets, the camera's Multi Shot mode simplifies the process of taking multiple pictures in quick succession.

1. In Standby mode, press and hold the Camera key (⬜) on the right side of the phone. The camera view finder screen appears in the display. (For more information, refer to *"Screen Layouts"* on page 49.)

Note: You can also activate the camera by pressing **Menu**, then select **Multimedia → Camera**.

2. Press **Options**, then highlight ▣ / ▤ / ▣ / ▣. The following options appear in the display:

   • **Single Shot** — Take one photo with each press of the Camera button.

   • **Series Shot** — Lets you take a series of 5 photos automatically.

   • **Divided Shot** (**2x2** / **3x3**) — Lets you take a mosaic of 1 to 9 photos.

   When you select a **Series Shot** option, a Series Shot progress bar (▭▭▭▭▭ 0/5) appears in the display.

3. When you select a **Divided Shot** option, a Divided Shot progress matrix (▦ / ▦) appears in the display.

4. Using the display as a viewfinder, point the camera lens at your subject.

5. Press **TAKE** or the Camera key (⬜). The camera takes one picture (**Single Shot**) or lets you take multiple pictures (**Series Shot** or **Divided Shot 2x2** / **3x3**).

6. To save the picture(s) to memory, press **Save** / **Done**.
   To discard the pictures, press **Cancel** or ▣.

Point, Click, and Send Pictures

Take a picture and send it to anyone with a compatible device in a few easy steps.

1. In Standby mode, press and hold the Camera key (⬜) on the right side of the phone. The camera view finder screen appears in the display.

2. Using the display as a viewfinder, take the desired picture by pressing **TAKE** or the Camera key (⬜).
   The photo review screen appears in the display.

3. Press **Send**.

4. Enter the recipient's phone number or e-mail address using the keypad.

5. Press **OK** to save the address(es).

6. Select other message fields as needed. (For more information, refer to *"Send Picture Messages in Camera Mode"* on page 36.)

7. When you are finished composing your message, press **SEND** to send the Picture message to the intended recipient(s).

Screen Layouts

Camera Screen

When you activate your phone's camera, the top two lines of the display are reserved for camera icons (when active). The center of the display shows a viewfinder image of the subject at which the camera is pointed.

Camera Screen Icons

The following icons appear in the Camera screen when the **Icon Display** Camera setting is set to **Display All**.

[icon] **Mode** — Indicates Camera mode is active.

[icon] **Shooting Mode** — Indicates/changes Camera shooting mode to take **Single** pictures (shown) or multiple pictures in **Series Shot** ([icon]) or **Divided Shot** ([icon]) succession, or in **Frame Shot** mode ([icon]).

Note: The **Series Shot** option also sets whether the Camera takes Series Shot or Divided Shot pictures in quick succession (**Auto**) or one each time you press the Camera key (**Manual**).

[icon] **Resolution** — Indicates/changes the Camera resolution setting (in pixels) [**1280x960** (shown), **640x480** ([icon]), **320x240** ([icon]), **176x144** ([icon])].

Note: The **Size** setting affects Zoom. When Camera resolution is set to **1280x960** pixels, Zoom is not available.

[icon] **Night Shot** — Indicates/changes whether your phone is ready to take photos in low light: **Off** (shown) or **On** ([icon]).

[icon] **Self Timer in use** — Delays the camera shutter for 2/5/10 seconds (**10 Sec.** shown) after you press the Camera key ([icon]).

[icon] **Quality** — Indicates/changes camera's picture quality setting (**Fine** shown). Other options are: **Normal** ([icon]) and **Economy** ([icon]).

[icon] **White Balance** — Indicates/changes the current photo White Balance setting [**Auto** (shown), **Sunny** ([icon]), **Cloudy** ([icon]), **Tungsten** ([icon]), **Fluorescent** ([icon])].

[icon] **Color Effects** — Replaces the natural colors with shades of a selected color (**Normal**, **Black&White**, **Sepia**, **Negative**, or **Green**).

[icon] **Settings** — Displays/changes Camera Settings which let you select **Icon Display** (Display All / Guidelines / No Icons), **View Mode** (Landscape / Portrait), **Shutter Sound**

(Off / Shutter / OK / DingDong), photo **Auto Save** (On / Off), **Reset Settings** (Yes / No).

⊕⊖ **Zoom** — Enlarges the image from x**00** (normal) to x**09**.

◄▷ **Brightness** — Brightens or darkens the image from 4 to +4.

▷冂 **Phone Memory** — Indicates photos will be stored in the phone's memory.

170 **Photo Limit** — Indicates the available number of photos you can take. (Depending on the camera **Resolution** and **Quality** settings.)

The Photo Gallery

Saved pictures are stored in the My Images folder. You can browse the pictures one at a time (expanded mode), or view several pictures at once in thumbnail format.

1. In the Camera viewfinder screen, press **My Images**. Any pictures that you've saved are listed with their thumbnail images in the display.

2. To launch the Camera and take new pictures, press **Camera**.

3. To view a picture, press **VIEW**.

4. For more options, press **Options**. The following additional options pop-up:

• **Send** — Send the currently highlighted or displayed image as part of a Picture Message or Via Bluetooth connection.

• **Online Album** — Send a copy of the currently highlighted or displayed image to your account on your Wireless Provider's server.

• **Set As** — Assign the currently highlighted or displayed image as the Main Wallpaper, as the Picture ID for a Contact, or the Front Wallpaper.

• **Rename** — Change the name of the picture file.

• **Lock/Unlock** — Prevent/allow erasure of the currently highlighted or displayed image.

• **Erase Files** — Delete one or more marked images from the My Images folder.

• **Image Info** — View the Name, Date and Time created, Resolution, and Size of the currently highlighted or displayed image.

5. Select the desired option to perform its function or to enter its sub-menu.

Section 9: easyedge^{SM}

With **easy**edge^{SM}, you can download multimedia, applications, games, and check news and sports.

Tip: You can access **easy**edge^{SM} **Games** home page directly from Standby mode by tapping the **Menu** soft key, then selecting **Games**.

Note: **easy**edge^{SM} from U.S. Cellular is only available on approved phones and requires an **easy**edge^{SM} data plan. Visit www.uscellular.com/easyedge or call U.S. Cellular customer service (by dialing 611 on your phone) and ask about **easy**edge^{SM}.

Accessing easyedge^{SM}

With **easyedge**^{SM}, you can download full featured applications over the air including games, personalized ring tones, pictures, and more.

▶ In Standby mode, press **Menu** ( ), then select **easyedge**.

– or –

Press the Navigation key Down.

The **easy**edge^{SM} screen appears in the display with the **easy**edge^{SM} **shop** tab showing.

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The **easy**edge^{SM} **shop** tab lets you locate, purchase (when required), and download an application, ringtone, or other multimedia files.

Launching an Application

1. In the **easy**edge^{SM} screen, press the Navigation key Right.

   The **my stuff** tab shows, listing any applications (apps) you have downloaded.

2. Select the application you wish to run.

Finding and Downloading Applications

1. In Standby mode, tap the **Menu** soft key, then select **easyedge**. The **easy**edge^{SM} screen appears in the display with the **easy**edge^{SM} **shop** tab showing.

2. Follow the prompts to locate, purchase (when required), and download an application, ringtone, or other multimedia files.

Section 10: Toneroom

Toneroom is a pre-loaded application that lets you access your Wireless Carrier's on-line source for real music ringtones.

Accessing Toneroom

▶ In Standby mode, press **Menu** ( ), then select **Toneroom**. The **Tone Room** home page appears in the display.

Follow the links on the Tone Room home page to find, purchase (if needed), and download ringtone files.

Managing Your Tones

▶ In the **Tone Room** home page, select the My Tones tab. The My Tones page appears in the display.

For more information about Tone Room, contact your Wireless Provider.

Use your SCH-r330 phone's Camera to take full color digital pictures, display them on your phone's vivid color display, and instantly share them with family and friends.

With Mobile Shop, you can download personalized ringtones, pictures, and more. For more information, contact your Wireless Provider.

Accessing Multimedia

► In Standby mode, press **Menu**, then select **Multimedia**.

The following Multimedia feature sub-menus appear in the display.

Camera

Lets you launch and set up your phone's camera. (For more information, refer to *"Camera"* on page 47.)

Using My Images

My Images lets you manage your photos and pictures you download, and lets you choose the pictures that appear in your phone's display when you turn it on or off, while in Standby mode (wallpaper), and as image IDs for your contacts.

► From the **Multimedia** menu, select **My Images**. A multiple-page matrix of thumbnail views of saved photos and images appears in the display.

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- To take new photos, press **Camera**.
- To expand an image to fill the screen, highlight it and press **VIEW** (⬤).

My Images Options

From the My Images list, access other options by pressing **Options**. The following options appear:

- **Send** — Send image as part of a Picture message or via Bluetooth connection to another device. (See *"Send Picture Messages in Standby Mode"* on page 37 for more information.)
- **Online Album** — Send image as part of a Picture message to your Online Album (for more information contact your Wireless Provider).
- **Set As** — Assign a highlighted or displayed image as the Main Wallpaper, as the Picture ID for a Contact, or the Front Wallpaper.
- **Rename** — Change the name of the picture.
- **Lock** / **Unlock** — Prevent/allow erasure of the currently highlighted or displayed image.
- **Erase Files** — Delete one or more marked images from the My Images folder.
- **Image Info** — View the Name, Date and Time created, Resolution, and Size of the currently highlighted or displayed image.

Using My Ringtones Gallery

My Ringtones lets you assign ringtones for calls, alarms, and other alerts.

1. In Standby mode, press **Menu**, then select **Multimedia → My Ringtones**. A list of ringtones appears in the display.

2. Highlight a ringtone. You have the following options:

   • To assign the highlighted ringtone to be used as a **Ringtone**, a **Contact ID**, or an **Alert Tone**, press **Set As**.

   • To hear the ringtone, press **PLAY** (⚪).

   • To show title and file type for the highlighted ringtone, press **Info**.

Using My Sounds Gallery

My Sounds lets you record and manage voice memo files and assign melodies as ringers or alerts.

1. In Standby mode, press **Menu**, then select **Multimedia → My Sounds**.

   The following options appear in the display:

   • **Record New** — Lets you record voice memos.

   • A list of recorded voice memo files and melodies.

2. When you select **Record New**, the **Record New** screen appears in the display.
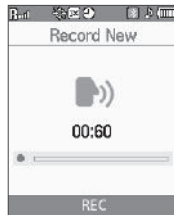
   • To start recording a voice memo, press **REC** (⚪).

   • To pause/resume recording, press **Pause**.

   • To stop recording and save the voice memo, press **SAVE** (⚪).

3. When you highlight a saved voice memo file, you have the following options:

   • To erase the selected voice memo file, if it is unlocked, press **Erase**.

   • To listen to the voice memo, press **PLAY** (⚪).

   • Press **Options**, and the following options appear in the display:

     – **Send** — Send to someone as part of a **Picture Message** or **Via Bluetooth** to another device. (For more information, refer to *"Send Picture Messages in Standby Mode"* on page 37.)

     – **Set As** — assign the highlighted ringtone to be used as a **Ringtone**, **Contact ID**, or as the **Alert Tone**.

     – **Rename** — Change the name of the voice memo file.

     – **Lock** / **Unlock** — Block/permit erasure of the highlighted voice memo.

     – **Erase all** — Erase all unlocked voice memos.

     – **Sound Info** — Shows the title, size, type, and date for the file.

4. When you highlight a melody file, you have the following options:

- To hear the ringtone, press **PLAY** (⬤).
- Press **Options** to show the following options:
  – **Send** — Send to someone as part of a Picture message. (See *"Send Picture Messages in Standby Mode"* on page 37 for more information.)
  – **Set As** — assign the highlighted ringtone to be used as a **Ringtone**, **Contact ID**, or as the **Alert Tone**.
  – **Erase all** — Erase all unlocked melodies.
  – **Sound Info** — Shows the title, size, type, and date for the file.

Section 12: Bluetooth

Bluetooth wireless technology is a short-range wireless communications technology capable of exchanging information over a distance of about 30 feet without a physical connection.

► In Standby mode, press **Menu**, then select **Bluetooth**.

Turn Bluetooth On/Off

When Bluetooth is turned on, you can answer and place calls and send or receive information via Bluetooth.

Note: To save battery life or in situations where Bluetooth use is prohibited, such as airline traveling, you can turn off the Bluetooth wireless technology headset.

To turn Bluetooth support on:

► From the **Bluetooth** menu, select **Bluetooth Settings → Enable** or select **Registered List → Add New Device**. You are prompted to "**Turn bluetooth on?**" by pressing **Yes**.

"**Bluetooth set to on**" and the red Bluetooth On icon (🔲) appear in the display.

To turn Bluetooth support off:

► From the **Bluetooth** menu, select **Bluetooth Settings → Disable**.

"**Bluetooth set to off**" appears in the display and the and the Bluetooth On icon (🔲) disappears.

Registered List

This list shows all Bluetooth wireless technology devices paired with your handset, and indicates whether any device is connected with your handset.

► From the **Bluetooth** menu, select **Registered List**.

Note: If Bluetooth is off, you are prompted to "**Turn bluetooth on?**". Press **Yes** to turn Bluetooth on.

To leave Bluetooth off and return to the **Bluetooth** sub menu, press **No**.

A list of registered Bluetooth devices or the **Add New Device** screen appears in the display.

Add (Pair With) a New Device

1. From the Registered List, select **Add New Device**.

"**Place device you are connecting to in discoverable mode**" appears in the display. (See the device user manual for more information.)

2. Press **OK** (⬤). Names of available devices appear in the display.

3. Highlight the device you want and press **PAIR** (⬤). You are prompted to enter the passkey or PIN for the selected device. (See the device user manual for the passkey or PIN.)

4. Enter the device passkey or PIN and press ⬤. Once pairing completes, you are prompted to connect with the device.

5. To connect with the device, press **Yes**. To return to the **Bluetooth** menu without connecting to the device, press **No**.

Connecting to a Registered (Already Paired) Device

1. From the Registered List, highlight the device and press ⬤.

2. If you are unable to connect with the device a pop-up appears in the display. Press **Yes** to retry.

Disconnecting from a Bluetooth Device

▶ From the Registered List, highlight the device and press **Off**.

Managing Your Registered List

▶ From the Registered List, highlight a device and press **Options**. The Options menu lets you Remove or Rename this device, Discover which Bluetooth profiles apply, review the Device Information, and Send a Name Card (Contact information) to this device.

Bluetooth Settings

The **Bluetooth Settings** menu provides the ability to view and change the device name, show the visibility, and set the security for the device.

To access Bluetooth settings:

▶ From the **Bluetooth** menu, select **Bluetooth Settings**. The following options appear in the display:

• **Enable** / **Disable** — Turns Bluetooth on or off. (For more information, see *"Turn Bluetooth On/Off"* on page 56.)

• **Discovery Mode** — Select **On** for other devices to see your device, or **Off** for no visibility.

• **Device Name** — Shows the handset name. You can change this name. Enter the text and press ⬤.

• **Supported Profiles** — Lists and describes the Bluetooth profiles your phone supports.

• **Device Info** — Shows the Bluetooth Type, Status, and Address of your phone.

Section 13: Tools

This section explains how you can use your phone's Personal Information Manager (PIM) functions to view today's calendar, schedule appointments, set an alarm, perform simple math calculations, and more.

Accessing Your Phone's Tools

To launch the **Tools** menu:

► In Standby mode, press **Menu**, then select **Tools**.

Voice SVC

Voice SVC Options

Your SCH-r330 includes Nuance Vsuite, state-of-the-art voice recognition software that lets you use your voice to dial numbers, access your Contacts list, and open Tools. To access your phone's voice recognition, do the following:

1. From the **Tools** menu, select **Voice SVC**. The following options appear in the display:

   • **Voice Command** — Lets you place calls, access your Contacts List, review your appointments, and more by speaking commands into your phone. Also see *"Voice Dialing"* on page 19 and *"Voice Method"* on page 28 for more information.

   • **Voice Settings** — Lets you tailor Vsuite to better respond to your voice and your phone use preferences. See *"Digit Dialing"* on page 59 for more information.

2. Select the desired sub-menu.

Voice Command

To access the Voice Command menu, do one of the following:

• In Standby mode, press and hold ▣ᴏᴋᴄ.

• From the **Tools** menu, select **Voice SVC → Voice Command**. "**Say a Command**" appears in the display and plays through the earpiece, followed by a list of available commands.

Note: You can also set your phone to start VoiceSignal when you connect an optional headset to the phone. (For more information, see *"Voice Launch"* on page 61.)

The following voice commands appear in the display:

• **Call** — Call a Contact by saying the name saved in your Contacts list. Call any telephone number, even if not saved in your Contacts list, by saying the digits in the number. (See *"Voice Dialing"* on page 19 for more information.)

• **Send Text** — Lets you access Create Text Message.

• **Send Picture** — Lets you access Create Picture Message.

- **Lookup** — Lets you find a Contact by name and review the Contact's information.
- **Go to** — Lets you access the following features and functions of your phone: **Contacts**, **Calls**, **Messages**, **easy**edge, **Display**, **Sounds**, **Multimedia**, **Tools**, **Settings**, **Calendar**, **Bluetooth**, and **Toneroom**.
- **Check** — Lets you say a single command (such as "**Status**") to verify your phone's: **Status**, **Signal**, **Coverage**, **Battery**, or **My phone #**.

Note: Speaking clearly, say the command that you want to use. If VoiceSignal does not recognize a command, it prompts you to repeat the command. If VoiceSignal still does not recognized the command, it tells you "**Sorry, no match found**" and cancels voice recognition.

Voice Command Tips:

- Make sure you wait for the beep before speaking.
- Speak clearly at a normal volume, as if you were talking on the phone.

Voice Settings

To access the Voice Settings menu:

▶ From the **Tools** menu, select **Voice SVC ➔ Voice Settings**.

Choice Lists

When Vsuite cannot recognize a name or number, it displays a choice list of up to three possible choices, and prompts you to confirm the correct one. To change the way Vsuite uses choice lists:

▶ From the **Voice Settings** menu, select **Choice Lists**. The available options are:
- **Automatic** — Vsuite displays a choice list only when it does not recognize a spoken name or number.
- **Always On** — Vsuite always displays a choice list, even when there is only one choice.
- **Always Off** — Vsuite never displays a choice list.

Sensitivity

1. From the **Voice Settings** menu, select **Sensitivity**.
2. Use the Up and Down navigation keys to adjust the selected Sensitivity setting incrementally between **Reject More** spoken commands or names and **Reject Less** spoken commands or names.

Digit Dialing

If you regularly have trouble with Vsuite not recognizing the numbers you speak, adapting can improve the accuracy of digit recognition, especially for people with strong regional accents.

Note: After you adapt Digit Dial, your phone is customized to your voice, and your voice only. Others will not be able to use it unless they Reset the phone to factory defaults.

Tips for Adapting Digit Dialing

- Use Adapt Digits in a quiet place.
- Wait for the beep before starting to speak.

- Speak clearly, and say each digit distinctly.
- If you make a mistake while recording a sequence of digits, or if there is an unexpected noise that spoils the recording, re-record that sequence.
- Only adapt digits if you are regularly having problems with digit dialing. Once you adapt, digit dialing will not work as well for other people using your phone. (You can always Reset digit adaptation to its original state, as described below.)

Adapt Digits

To adapt digit dialing, do the following:

1. From the **Voice Settings** menu, select **Digit Dialing** ➔ **Adapt Digits**. Your phone displays text describing the Adapt Digits process.

2. Press ⬤. Your phone displays the first digit sequence and "**Please say**" plays through the speaker followed by the four digits appearing in the display.

3. Wait for the beep and say the digits using your normal tone of voice. After a moment, the phone plays back the recording and prompts "**Did the recording sound ok?**"
   - If the recording was good, say "**Yes**."
   - If you need to re-record, say "**No**".

   If you say "**No**," the phone prompts you to pronounce the digits again. Wait for the beep and then say the digits.

Repeat this step until you're satisfied with the recording.

4. After confirming that the recording sounds "ok", continue the recording process with the next set of digits.

5. After 10 sets of digits, the phone asks whether you want to do more adaptation.

   If you answer "**Yes**," repeat steps 4 and 5 for another 10 sets of digits. After the second group of 10 sets of digits, "**Adaptation complete**" plays through the speaker and you are returned to the **Digit Dialing** menu.

Reset Digits

To reset digit dialing to factory default settings, do the following:

1. From the **Voice Settings** menu, select **Digit Dialing** ➔ **Reset Digits**. The phone prompts you to confirm digit reset.

2. Press **OK** to reset your digit adaptation, or press **Back** to cancel.

Sound

Sound lets you specify what (if any) text prompts you want your phone to read to you through the earpiece.

1. From the **Voice Settings** menu, select **Sound**. The following options appear in the display:
   - **Prompts** — On/Off — Enables or disables audio prompts.
   - **Digits** — On/Off — Enables or disables digit playback.

- **Names** — On/Off — Enables or disables name playback.

- **Name Settings** — Lets you adjust the **Speed** (**Faster** or **Slower**) and **Volume** (**Louder** or **Softer**) of your phone's audio name playback.

2. Select the desired option and the desired setting, or press ⬤ to accept the new setting. Press 🔲 to discard the new setting and return to the **Sound** menu.

Voice Launch

To set the key or action that launches Nuance Vsuite, do the following:

1. From the **Voice Settings** menu, select **Voice Launch**. The following options appear in the display:

- **Key Only** — Press and hold 🔳 to activate Vsuite for one call.

- **Key/Ear Mic** — Attach a headset to your phone. Press and hold 🔳 to activate Vsuite. Now, you can make and end calls using VoiceSignal by pushing the button on the headset.

- **Key/Flip** — Press and hold 🔳 or open the flip to activate Vsuite for one call.

2. Press ⬤ to accept the new setting. Press 🔲 to discard the new setting and return to the **Voice Settings** menu.

About

▶ From the **Voice Settings** menu, select **About**.

The **About Nuance** screen appears in the display showing the version level of the Vsuite software currently installed on your phone.

Memo Pad

Create notes and store them in Memo Pad. Notes that you create in Return to Memo Pad anytime to review and edit your notes.

Note: Memo Pad can't be prioritized or assigned an alert.

▶ From the **Tools** menu, select **Memo Pad**. If you have any stored memos, they appear as a list in the display.

Create a Memo

1. From the Memo Pad list, press **Add**.

2. Enter memo text using the keypad.

Tip: The current mode of text entry is indicated in the lower right corner of the display.

3. To save the memo, press **OK** (⬤).

Review, Edit, and Erase Memos

1. From the Memo Pad list, highlight the desired memo.

You have the following options:

- To add a new memo, press **Add**. (For more information, refer to *"Create a Memo"* on page 61.)

- To review the highlighted memo, press **VIEW** ( ).

  While viewing a memo, you can do any of the following:
  – Change the text of the memo by pressing **Edit** and using the keypad keys. (For more information, refer to *"Entering Text"* on page 15.)
  – Return to the Memo Pad screen by pressing **OK** ( ).
  – Press **Options** to Erase the memo you are viewing, Add a New Memo, or Lock/Unlock the memo you are viewing.

- To Edit or Erase a memo, Erase all memos, or Lock / Unlock a memo, press **Options** and select the desired options.

Alarm Clock

Your phone has three alarm clocks that can be set to go off once, or to recur daily at a specific time.

Note: The alarm doesn't function when the phone is turned off. If the time for an alarm that was set for Once has elapsed while the phone is off, the alarm occurs at the specified time on the next day.
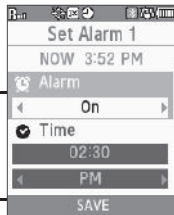
1. From the **Tools** menu, select **Alarm Clock → Alarm 1 / 2 / 3**.

2. To set the alarm **Off** or **On**, press the Navigation key Left/Right or use the Left/Right arrow keys.

3. Enter the time for the alarm, then use press the Navigation key Left/Right or use the Left/Right arrow keys to select **AM** or **PM**, the alarm **Frequency** (**Daily**, **Mon.-Fri.**, **Weekends**, or **Once**), the **Ringer** type (**Tone**, **Vibrate**, **Light Only**), and the ringtone (from **My Ringtones** or **My Sounds**).

4. Press **SAVE** ( ). If the alarm is set to **On**, the alarm icon ( ) appears in the top line of the display.

When an Alarm Sounds

An animated alarm clock appears in the display along with **Snooze** and **Dismiss** options and an alert sounds when the specified time for the alarm arrives.

- To silence the alarm, use the Navigation key to highlight **Snooze** or **Dismiss** and press .
- If the alarm was set as a Daily alarm, the alarm icon remains in the top of the display.
- If the alarm was set as a Once only alarm, the alarm icon disappears from the top of the display.

Turn Off the Alarm

1. From the **Tools** menu, select **Alarm Clock**.

2. Highlight the desired alarm (**Alarm 1** / **2** / **3**), then press **Options** and select to turn the alarm **On** / **Off** (without changing the settings), to Reset the Alarm and restore its settings to default values, or to **Reset All** of the alarms and their settings to default values.

World Time

World Time lets you view the time of day or night in any of the 24 different time zones around the world.

Note: To use World Time, you need to subscribe to your Wireless Provider's digital service.

▶ From the **Tools** menu, select **World Time**. A world map appears in the display, showing the time and date in one or two cities or time zones.

Selecting/Displaying Time Zones

World Time lets you view the time and date in up to two locations or time zones.

Viewing a Time Zone

To view the time and date in a particular time zone or location, do the following:
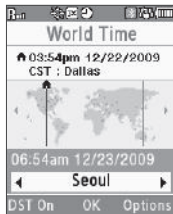
▶ Locate and view a particular time zone by pressing the Navigation key Left or Right until the desired time zone appears in the display.

• To set the displayed time zone as the default time zone for the second World Time clock, press ⬤.

• To return to the **Tools** menu without changing the default time zone, press ◼.

Selecting a Home Zone

To change home (upper) time zone or location, do the following:

1. In the **World Time** screen, display the time zone you wish to make your Home Zone.

2. Press **Options** and select **Set as home zone**.

Enable Daylight Saving Time (DST)

1. Display the desired time zone.

2. Press **DST Off** / **DST On**.

3. To accept the highlighted setting, press ⬤.

Calculator

You can perform calculations, including addition, subtraction, multiplication and division using your phone.

Note: You must use the phone keypad to use the Calculator.

1. From the **Tools** menu, select **Calculator**. The Calculator screen appears in the display.

2. Enter the first number in your calculation using the keypad. (Numbers can be up to 15 digits long. Up to 3 of the digits can be after a decimal point.)

   Calculator

   314561258754.692x3

   943683776264.076

   Clear   OK   Operator

   • To enter a decimal point, press ◄►.

   • To change the sign for a number to a negative, press ◄►.

   • To add parentheses [**( )**] to your calculation or to enter a **Power** exponent (**^**), such as, 3^2, which is the equivalent of 3^2, press **Operator**.

   • Press **Clear** to clear current entries.

3. Select a type(s) of calculation.

   • [**x**] Multiplication — Press Navigation key Up.

   • [**÷**] Division — Press Navigation key Down.

   • [**+**] Addition — Press Navigation key Right.

   • [**-**] Subtraction — Press Navigation key Left.

4. Enter the other number(s) and press ◯ to perform the calculation and view the result.

Stop Watch

You can use this function to set a stop watch.
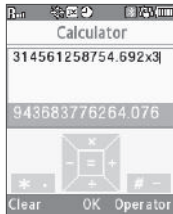
1. From the **Tools** menu, select **Stop Watch**. The **Stop Watch** screen appears in the display.

2. To start, stop, and resume the stopwatch count, press ◯.

   Stop Watch

   00:00:06.36

   ⏱ 00:00:02.18
   ⏱ 00:00:03.79
   ⏱ 00:00:05.45

                Start   Reset

3. At the start of each succeeding event/lap, press **Record** to record the completion time for the previous event/lap. You can record up to eight event/lap times.

4. To reset the stop watch and to erase all stop watch (lap) times recorded, press **Reset**.

Converter

The **Converter** lets you covert one measure of the available categories (**Currency**, **Length**, **Weight**, **Volume**, **Area**, and **Temperature**) into another.

1. From the **Tools** menu, select **Converter → Currency / Length / Weight / Volume / Area / Temperature**.

2. Use the Navigation/Arrow keys to select the units to be converted **From** and **To**.

3. Enter the quantity you want converted in the **From** field. The converted quantity appears in the **To** field.

Note: To include a decimal point, press ![key].

Currency — Reviewing/Editing Exchange Rates

The Currency Converter includes long-term average exchange rates as default values.

1. From the **Tools** menu, select **Converter → Currency**.

2. To open the **EXCHANGE RATE** list, press **Rate**.

3. To edit an Exchange Rate:
   • Press **Edit**.
   • Highlight an exchange rate, and enter any changes.

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• To save the changed exchange rate, press **OK** (⬤).
  To discard the change, press **Cancel**.

Currency — Adding Exchange Rates

You can use the Currency Converter to convert from and to obscure currencies by adding exchange rates for these currencies.

1. From the **Tools** menu, select **Converter → Currency**.

2. To open the **EXCHANGE RATE** list, press **Rate**.

3. Press **Add**. The **ADD EXCHANGE RATE** screen appears in the display with the **Base** field highlighted.

4. Use the Left and Right navigation/arrow keys to select the **Base** currency to be converted from.

5. Highlight the **Currency** field, and enter an identifier of up to 5 characters for the new currency using either keypad. (For more information, refer to *"Entering Text"* on page 15.)

6. Highlight the **Exchange Rate** field, and enter a decimal exchange rate for the new currency using either keypad.

The **Exchange Rate** field only accepts up to five digits after the decimal point.

7. Press **SAVE** (⬤) to save the new exchange rate.

Currency — Erasing Exchange Rates

You cannot erase the preloaded currencies from the Exchange Rate list. You can erase a currency that you have added to the list by doing the following:

1. From the **Tools** menu, select **Converter → Currency**.

2. Press **Rate**. The **EXCHANGE RATE** list for the **From** currency appears in the display.

3. Use the Up and Down navigation keys to highlight the user-added currency exchange rate to be erased.

4. Press **Erase**. You are prompted to confirm the erasure.

Note: The **Erase** soft key is undefined for preloaded Exchange Rates. This prevents you from erasing them.

5. To erase the exchange rate, press **Yes**. To keep the exchange rate, press **No**.
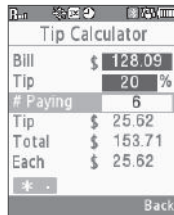
Tip Calculator

Tip Calculator automatically calculates the following amounts:

• Gratuity (tip)

• Individual payment (for groups)

1. From the **Tools** menu, select **Tip Calculator**. The **Tip Calculator** screen appears in screen, with the **Bill** field highlighted.

2. Use the keypad to enter the total amount of the bill.

3. If needed, highlight the **Tip** field, and enter a tip percentage.

4. If needed, highlight the **# Paying** field, and enter the number of persons paying.

5. The amount of the Tip, the final Total, and the amount Each person should pay appear in the lower half of the screen.

Section 14: Calendar

Calendar allows you to view the current, past, or future month in calendar format. While viewing the calendar, the current date is highlighted, and days with scheduled events are surrounded by a box.

View an Event

1. In Standby mode, press **Menu**, then select **Calendar**. A calendar appears in the display with the current date highlighted. The month and year appear at the top of the display.

2. To move around within the calendar, use these keys:

   • To move to an individual day, one day or one week at a time, use the Navigation key, Jog Wheel, or Arrow keys.

   • To view previous months, press the Up volume key.

   • To view future months, press the Down volume key.

   • To add an event to the highlighted date, press **Add**.

   • To call up a list of events on the highlighted date, press **VIEW** (⬤).

   • To access other options while viewing the calendar, press **Options**. You can Go to a Date by entering it, return to Today's date, Erase one or more Old events, or all events.

3. To display the highlighted event, press **VIEW** (⬤).

   • To change the event details, press **Edit**. (See *"Add a New Event"*.)

   • To return to the Events list, press **OK** (⬤).

   • For more options, press **Options**. You can return to the Monthly calendar or Erase this event from the calendar.
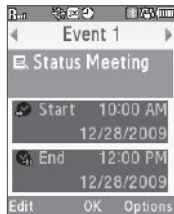
Add a New Event

1. From the **Calendar**, press **Add**.

2. To highlight New Event options, press the Navigation key Up or Down.

3. Enter the Name of the new event. (For more information, refer to *"Entering Text"* on page 15.)
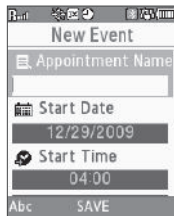
Note: The current mode of text entry is indicated in the lower left corner of the display.

4. Enter the **Start Date**, using leading zeros (such as, 03) and a 4-digit year (such as, 2009).

5. Enter the **Start Time**, using leading zeros (such as, 03).
   • Press the Navigation key Left or Right to select **AM** or **PM**.

6. Repeat Steps 4 and 5 for the **End Date** and **End Time**.

7. To select values for the **Alert** type, **Alert** tone, **Reminder**, and **Alert time** options, use the Left and Right Navigation keys or arrow keys.

8. To store the event in your calendar, press **SAVE** ( ).

Tip: An alarm will notify you prior to the event, provided you set **Reminder** to a value other than **Off**.

Section 15: Changing Your Settings

This section explains how to configure your phone's language, network preferences, security options, and other settings.

Display Settings

Display settings let you change your phone's menu appearance, display brightness and contrast, and display content to better meet your needs.

To launch the **Display** menu:

▶ In Standby mode, press **Menu**, then select **Display**.

The **Display** menu appears in the display.

Menu Style

Menu Style lets you choose whether the Main Menu appears as an **Icon** matrix (the default value) or as a **List** of menus.

Wallpaper

Wallpaper lets you choose images to appear in the background on your phone's **Main Display** and **Front Display** while in Standby mode. You can choose from downloaded images in your **My Images** folder or from the **Preset Images** folder.

Note: When you select **Front Display**, your Wallpaper selection automatically changes the **Clock Format** setting for the **Front Clock** to **Off**. (For more information, refer to *"Clock Format"* on page 69.)

Clock Format

Clock lets you choose whether and in what format the time and date appear as the **Main Clock** [**Samsung**, **Digital** (default), **Analog**, **Off**] and/or the **Front Clock** [**Digital** (default) or **Off**] on your phone.

Note: The **Clock Format** setting for the **Front Clock** automatically changes to **Off** when you change the **Wallpaper** setting for the **Front Display**. (For more information, refer to *"Wallpaper"* on page 69.)

Theme

Theme lets you choose the color scheme [**Samsung** (the default) or **Plush**] used to display menu screens, pop-up menus and messages.

Dialing Font Size

Dialing Font Size lets you choose the size of the numbers [**Normal** (the default) or **Large**] that appear in the display when you place a call.

Banner

Create your own 13-character personal greeting that appears in the display while your phone is in Standby mode.

Tip: Press and hold ![c key] to erase an existing banner, if necessary. (For more information, refer to *"Entering Text"* on page 15.)

Backlight

You can separately set the **Main Display**, **Keypad**, and/or **Charging** backlight to remain on for 10, 15, or 30 seconds; to be **Always On** as long as the folder is open; or to be **Always Off**. You can also set the **Brightness** of the backlight for your displays and keypad.

Note: Prolonged backlight use drains your battery faster.

Front Contrast

Front Contrast lets you set the Front display contrast to enhance its readability.

Sounds Settings

Sounds settings let you customize your phone's audio properties, such as ringers, keypad tones, alerts, start up melody, and more.

To launch the **Sounds** menu:

▶ In Standby mode, press **Menu**, then select **Sounds**.
The **Sounds** menu appears in the display.

Master Volume

Use the **Master Volume** screen to set the default volume for Voice Calls ringers, Messages alerts, and Alarms to the desired level

(**Silence All**, **Low**, **Low/Medium**, **Medium**, **Medium/High**, or **High**) or vibrate mode (**Vibrate**, or **Vib. on** / **Vib. off** soft key).

Ringer Type

Use the **Ringer Type** sub-menu to select ringtones, melodies, or recorded sounds to play as ringers for **Voice Calls** and **Messages** (Text, Picture, and Voicemail) alerts. You can play each ringtone, melody, or recorded sound before you select one.

Alerts

You can set your phone to sound an alert for each elapsed minute during a call, whenever you enter or leave your home service area, whenever you connect or disconnect a call, or when you power your phone on or off.

Key Tone

Lets you adjust the volume level and duration of the tones that the keypad generates when you press the keys.

Call and Phone Settings

The Call Settings options let you select how your phone handles voice and data calls. The Phone Settings options let you tailor your phones basic operations.

To launch the **Settings** menu:

▶ In Standby mode, press **Menu**, then select **Settings**.
The **Settings** menu appears in the display.

Location Setting

You can set your phone to pass Global Positioning System (GPS) data to identify your location to the network continually (**Location On**) or only when you make an emergency (911) call (**911 Only**).

Note: Check with your Wireless Carrier to determine if/when/where location-based services are available.

Call Settings

The Call Settings sub-menu lets you set call options such as Auto Retry, Data rates for data calls, and more.

Call Answer

You can set your phone to answer incoming calls only when you press ▭; when you press any key on the keypad except ▭, ▭▭, or ▭; or when you open the flip.

Call Alert

You can set you phone to indicate an incoming call by ringing only, by displaying a Caller ID and ringing, or by repeating the caller's name (Contacts only).

Auto Answer

Auto Answer lets you set your phone to automatically answer calls after from 1 to 5 seconds.

Auto Retry

Auto Retry automatically re-dials a number at an interval you select, when there is no answer or the dialed party is busy. Depending upon your location, the number of times your phone redials a number may vary.

TTY Mode

Your phone is fully Teletypewriter (TTY)/Telecommunication Device for the Deaf (TDD) compatible. You connect TTY/TDD equipment to the headset connector on the top of your phone, behind the folder hinge. You can set your phone to allow TTY/TTD communication while you converse with the other party, or you can limit voice communication to Talking or Hearing only.

Note: **TTY Mode** must be enabled before you can use your phone with TTY/TDD equipment.

The **TTY Mode** option has no effect on the phone's earpiece, microphone, or speaker. When you select **TTY Full**, all currently enabled sound functions remain enabled.

Voice Privacy

Voice Privacy lets you choose what level of voice security (**Standard** or **Enhanced**) your phone will use.

Tip: You can change your Voice Privacy setting during a call by using the **In-Use Menu** options. (See *"In-Use Menu"* on page 21 for more information.)

You can set your phone to alert you when Voice Privacy support changes. (For more information, refer to *"Alerts"* on page 70.)

International Dialing

International Dialing lets you choose a frequently-dialed country code for dialing by the **International Dialing** shortcut. (For more information on using the International Dialing shortcut, see *"Call Another Country — Shortcut Method"* on page 18.)

Phone Settings

You can set or reset the operating characteristics of your phone to suit your location and/or to limit access to your phone.

Airplane Mode

When set to **On**, Airplane Mode disables all radio functions of your phone. This blocks you from making or receiving calls other than Emergency (911) calls, but allows you to use other features (such as the camera and the Tools) safely in sensitive environments, such as on board an aircraft.

Tip: If you need to make an emergency call with Airplane mode enabled, just dial the emergency number and press 📞.

Shortcut Key

Shortcut Key lets you set which feature, function, or application launches when you press the Navigation key Up while in Standby mode.

Language

The **Language** option lets you select the language (**English** or **Español**) of menus, sub-menus, and other user-interface features.

Security

Use the **Security** sub-menu to lock your phone, set up emergency numbers, enable or disable voice privacy, set restrictions, and other security options.

To access the Security sub-menu, you are prompted to enter your phone's four-digit lock code.

Note: The default lock code is the last four digits of your mobile phone number.

Lock Phone

The **Lock Phone** option lets you Lock or Unlock your phone immediately or set your phone to lock itself On Power Up.

Locking the r330 blocks all outgoing calls except those to 911 and to any other user-programmed emergency numbers. You can

lock the phone manually, or set the phone to lock automatically when turned on. In Lock mode, you can answer calls, but you must unlock the phone to place calls (except to emergency numbers). (For more information, refer to *"Emergency #"* on page 73.)

Important!: If after setting your phone to Lock itself On Power Up, you change the **NAM Selection** setting from **NAM1** to **NAM2**, but there is no number programed into **NAM2**, you won't be able to access your phone. You must call your Wireless Provider's Service Center to unlock your phone.

Change Lock

The **Change Lock** option lets you replace your phone's default lock code (the last four digits of your phone number) with one of your own choosing.

It is advisable to change the default lock code to a secret code for security purposes.

When you select **Change Lock**, your are prompted to enter the current lock code followed by entering your new lock code, and then re-entering it, for verification.

Note: Your phone does not allow you to view the lock code for obvious security reasons. If you change the lock code, be sure to write down or memorize the new code.

Emergency

The **Emergency #** option lets you enter and store up to three emergency numbers in your phone. Each number can be up to 32 digits long. You can dial your emergency numbers any time, even when your phone is locked or restricted.

Note: Emergency number 911 is hard-coded into your phone. You can dial this number any time, even when the phone is locked or restricted. If you call 911 you will hear audible tone and an Emergency prompt will appear in the display for the duration of the call.

Important!: Because of various transmission methods, network parameters, and user settings used to complete a call from your wireless phone, a connection cannot always be guaranteed. Therefore, emergency calling may not be available on all wireless networks at all times.

Important!: DO NOT depend on this phone as a primary method of calling 911 or for essential or emergency calls.

Remember to always turn your phone on and check for adequate signal strength before placing an emergency call.

Note: When you dial an emergency number, you phone locks itself to the emergency location that answered the call and locks itself in 911-Only mode, blocking from dialing any number but an emergency number.

- **To store emergency numbers:** Select the **Emergency #** option, then select one of the three emergency number options, and enter and save your new emergency number.
- **To call emergency numbers** (even in lock mode): Simply enter 911 or one of your emergency numbers and press ![call key] to place the call.

Emergency Ringback

Emergency Ringback lets you enable or disable the alert tone your phone plays during an Emergency call.

Tip: This feature can be valuable during emergency situations, such as, a home invasion. Disabling the Emergency call alert tone can prevent a home invader from locating you by means of that tone.

1. From The **Security** sub-menu, select **Emergency Ringback**. The following options appear in the display:
   - **On** — Your phone plays an audible alert tone during Emergency calls.
   - **Off** — Your phone does not play an audible alert tone during Emergency calls, but does vibrate.
2. Select the desired Emergency Ringback setting.

Reset Phone

The **Reset Phone** option returns all settings on your phone (except for Contacts entries) to their factory default values.

Caution!: Before selecting **Reset Phone**, contact your Wireless Carrier. Invoking **Reset Phone** may erase settings made by your Wireless Carrier from your phone, resulting in loss of service.

Erase All Entries

The **Erase All Entries** option deletes all entries from the Contacts list.

Restriction

The **Restriction** option settings let you restrict/unrestrict the use of your phone for **Calls** (Incoming and Outgoing), **SMS** (Text) **Messages**, **MMS** (Picture) **Messages**, and/or restrict/unrestrict access to your your phone's **IP** (Internet Protocol) **Connection**.

Note: All default restriction settings are **Allow All** (unrestricted).

NAM Selection

The **NAM Selection** option lets you select your preferred system (**NAM 1** or **NAM 2**), provided your phone has a NAM 2 number programmed into it. (For more information, contact your Wireless Provider.)

Important!: If after setting your phone to Lock itself On Power Up, you change the **NAM Selection** setting from **NAM 1** to **NAM 2**, but there is no number programed into **NAM 2**, you won't be able to access your phone. You must call your Wireless Provider's Service Center to unlock your phone.

System Select

The **System Select** option lets you disable (**Home Only**) or enable (**Automatic**) your phone's ability to roam (that is, automatically select a network to use when outside of your Home Area).

Set Time

Use the **Set Time** options to set the current time and date displayed on your phone and used by your phone's Tools. (For more information, refer to *"Tools"* on page 58.)

Note: In digital service mode, the **Set Time** feature is disabled. The network adjusts time and date automatically.

With **Airplane Mode** set to **On**, the **Set Time** feature is enabled.

- Enter the current Time using your keypad:
  - The hour and minute must be entered using two digits each. You must enter the hour in 12-hour format.
  - Use the Left and Right navigation keys to select **am** or **pm**.
- Enter the current Date using your keypad:
  - The month and day must be entered using two digits each.
  - The year must be entered with all four digits.

Quick Search

When set to **On**, the **Quick Search** option provides an easy way to find Contacts from Standby mode.

In Standby mode, just press the number keys that correspond to the first few letters of a Contact name, then press the Navigation key Up (to find a matching Contact).

Memory Info

Memory Info options let you review the total phone memory used and available, and the phone memory used to store images, ringtones, recorded sound files, applications, and Picture messages. Memory Info options also let you review and erase files from your My Images, My Ringtones, and My Sounds folders.

Phone Info

Phone Info lets you review the phone number assigned to your phone, reference the meanings of icons that appear on your phone's Standby mode screen, and identify the hardware and software versions of your phone, the **easy**edge^{SM} software, and the assigned MEID and pESN numbers.

Section 16: Health and Safety Information

This section outlines the safety precautions associated with using your phone. These safety precautions should be followed to safely use your phone.

Health and Safety Information

Exposure to Radio Frequency (RF) Signals

Certification Information (SAR)

Your wireless phone is a radio transmitter and receiver. It is designed and manufactured not to exceed the exposure limits for radio frequency (RF) energy set by the Federal Communications Commission (FCC) of the U.S. government.

These FCC exposure limits are derived from the recommendations of two expert organizations, the National Counsel on Radiation Protection and Measurement (NCRP) and the Institute of Electrical and Electronics Engineers (IEEE).

In both cases, the recommendations were developed by scientific and engineering experts drawn from industry, government, and academia after extensive reviews of the scientific literature related to the biological effects of RF energy.

The exposure limit set by the FCC for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate (SAR). The SAR is a measure of the rate of

absorption of RF energy by the human body expressed in units of watts per kilogram (W/kg). The FCC requires wireless phones to comply with a safety limit of 1.6 watts per kilogram (1.6 W/kg).

The FCC exposure limit incorporates a substantial margin of safety to give additional protection to the public and to account for any variations in measurements.

SAR tests are conducted using standard operating positions accepted by the FCC with the phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the phone while operating can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station antenna, the lower the power output.

Before a new model phone is available for sale to the public, it must be tested and certified to the FCC that it does not exceed the exposure limit established by the FCC. Tests for each model phone are performed in positions and locations (e.g. at the ear and worn on the body) as required by the FCC.

For body worn operation, this phone has been tested and meets FCC RF exposure guidelines when used with an accessory that

contains no metal and that positions the handset a minimum of 1.5 cm from the body.

Use of other accessories may not ensure compliance with FCC RF exposure guidelines.

The FCC has granted an Equipment Authorization for this mobile phone with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines. The maximum SAR values for this model phone as reported to the FCC are:

• **Head:** 0.72 W/Kg.

• **Body-worn:** 0.40 W/Kg.

SAR information on this and other model phones can be viewed online at http://www.fcc.gov/oet/ea. To find information that pertains to a particular model phone, this site uses the phone FCC ID number which is usually printed somewhere on the case of the phone.

Sometimes it may be necessary to remove the battery pack to find the number. Once you have the FCC ID number for a particular phone, follow the instructions on the website and it should provide values for typical or maximum SAR for a particular phone. Additional product specific SAR information can also be obtained at www.fcc.gov/cgb/sar.

Please Note the Following Information When Using Your Handset

1. **WARNING REGARDING DISPLAY**

    The display on your handset is made of glass or acrylic and could break if your handset is dropped or if it receives significant impact. Do not use if screen is broken or cracked as this could cause injury to you.

2. **WARRANTY DISCLAIMER: PROPER USE OF A TOUCH SCREEN HANDSET**

    If your handset has a touch-screen display, please note that a touch-screen responds best to a light touch from the pad of your finger or a non-metallic stylus. Using excessive force or a metallic object when pressing on the touch-screen may damage the tempered glass surface and void the warranty. For more information, refer to *"Standard Limited Warranty"* on page 96.

Samsung Mobile Products and Recycling

Samsung cares for the environment and encourages its customers to recycle Samsung mobile phones and genuine Samsung accessories.

Go to: http://mobile.samsungusa.com/recycling/index.jsp or 1-800-822-8837 for more information.

UL Certified Travel Adapter

The Travel Adapter for this phone has met applicable UL safety requirements. Please adhere to the following safety instructions per UL guidelines.

FAILURE TO FOLLOW THE INSTRUCTIONS OUTLINED MAY LEAD TO SERIOUS PERSONAL INJURY AND POSSIBLE PROPERTY DAMAGE.

IMPORTANT SAFETY INSTRUCTIONS - SAVE THESE INSTRUCTIONS.

DANGER - TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, CAREFULLY FOLLOW THESE INSTRUCTIONS.

FOR CONNECTION TO A SUPPLY NOT IN NORTH AMERICA, USE AN ATTACHMENT PLUG ADAPTOR OF THE PROPER CONFIGURATION FOR THE POWER OUTLET. THIS POWER UNIT IS INTENDED TO BE CORRECTLY ORIENTATED IN A VERTICAL OR HORIZONTAL OR FLOOR MOUNT POSITION.

Consumer Information on Wireless Phones

The U.S. Food and Drug Administration (FDA) has published a series of Questions and Answers for consumers relating to radio frequency (RF) exposure from wireless phones. The FDA publication includes the following information:

What kinds of phones are the subject of this update?

The term wireless phone refers here to hand-held wireless phones with built-in antennas, often called "cell," "mobile," or "PCS" phones. These types of wireless phones can expose the user to measurable radio frequency energy (RF) because of the short distance between the phone and the user's head. These RF exposures are limited by Federal Communications Commission safety guidelines that were developed with the advice of FDA and other federal health and safety agencies.

When the phone is located at greater distances from the user, the exposure to RF is drastically lower because a person's RF exposure decreases rapidly with increasing distance from the source. The so-called "cordless phones," which have a base unit connected to the telephone wiring in a house, typically operate at far lower power levels, and thus produce RF exposures well within the FCC's compliance limits.

Do wireless phones pose a health hazard?

The available scientific evidence does not show that any health problems are associated with using wireless phones. There is no proof, however, that wireless phones are absolutely safe. Wireless phones emit low levels of radio frequency energy (RF) in the microwave range while being used. They also emit very low levels of RF when in the stand-by mode.

Whereas high levels of RF can produce health effects (by heating tissue), exposure to low level RF that does not produce heating effects causes no known adverse health effects. Many studies of low level RF exposures have not found any biological effects. Some studies have suggested that some biological effects may occur, but such findings have not been confirmed by additional research. In some cases, other researchers have had difficulty in reproducing those studies, or in determining the reasons for inconsistent results.

What is FDA's role concerning the safety of wireless phones?

Under the law, FDA does not review the safety of radiation-emitting consumer products such as wireless phones before they can be sold, as it does with new drugs or medical devices. However, the agency has authority to take action if wireless phones are shown to emit radio frequency energy (RF) at a level that is hazardous to the user. In such a case, FDA could require the manufacturers of wireless phones to notify users of the health hazard and to repair, replace or recall the phones so that the hazard no longer exists.

Although the existing scientific data do not justify FDA regulatory actions, FDA has urged the wireless phone industry to take a number of steps, including the following:

• Support needed research into possible biological effects of RF of the type emitted by wireless phones;

• Design wireless phones in a way that minimizes any RF exposure to the user that is not necessary for device function; and

• Cooperate in providing users of wireless phones with the best possible information on possible effects of wireless phone use on human health.

FDA belongs to an interagency working group of the federal agencies that have responsibility for different aspects of RF safety to ensure coordinated efforts at the federal level. The following agencies belong to this working group:

• National Institute for Occupational Safety and Health

• Environmental Protection Agency

• Federal Communications Commission

• Occupational Safety and Health Administration

• National Telecommunications and Information Administration

The National Institutes of Health participates in some interagency working group activities, as well.

FDA shares regulatory responsibilities for wireless phones with the Federal Communications Commission (FCC). All phones that are sold in the United States must comply with FCC safety guidelines that limit RF exposure. FCC relies on FDA and other health agencies for safety questions about wireless phones.

FCC also regulates the base stations that the wireless phone networks rely upon. While these base stations operate at higher power than do the wireless phones themselves, the RF exposures that people get from these base stations are typically thousands of times lower than those they can get from wireless phones.

Base stations are thus not the primary subject of the safety questions discussed in this document.

What are the results of the research done already?

The research done thus far has produced conflicting results, and many studies have suffered from flaws in their research methods. Animal experiments investigating the effects of radio frequency energy (RF) exposures characteristic of wireless phones have yielded conflicting results that often cannot be repeated in other laboratories. A few animal studies, however, have suggested that low levels of RF could accelerate the development of cancer in laboratory animals. However, many of the studies that showed increased tumor development used animals that had been genetically engineered or treated with cancer-causing chemicals so as to be pre-disposed to develop cancer in absence of RF exposure. Other studies exposed the animals to RF for up to 22 hours per day. These conditions are not similar to the conditions under which people use wireless

phones, so we don't know with certainty what the results of such studies mean for human health.

Three large epidemiology studies have been published since December 2000. Between them, the studies investigated any possible association between the use of wireless phones and primary brain cancer, glioma, meningioma, or acoustic neuroma, tumors of the brain or salivary gland, leukemia, or other cancers. None of the studies demonstrated the existence of any harmful health effects from wireless phones RF exposures.

However, none of the studies can answer questions about long-term exposures, since the average period of phone use in these studies was around three years.

What research is needed to decide whether RF exposure from wireless phones poses a health risk?

A combination of laboratory studies and epidemiological studies of people actually using wireless phones would provide some of the data that are needed. Lifetime animal exposure studies could be completed in a few years. However, very large numbers of animals would be needed to provide reliable proof of a cancer promoting effect if one exists.

Epidemiological studies can provide data that is directly applicable to human populations, but ten or more years' follow-up may be needed to provide answers about some health effects, such as cancer.

This is because the interval between the time of exposure to a cancer-causing agent and the time tumors develop - if they do - may be many, many years. The interpretation of epidemiological studies is hampered by difficulties in measuring actual RF exposure during day-to-day use of wireless phones. Many factors affect this measurement, such as the angle at which the phone is held, or which model of phone is used.

What is FDA doing to find out more about the possible health effects of wireless phone RF?

FDA is working with the U.S. National Toxicology Program and with groups of investigators around the world to ensure that high priority animal studies are conducted to address important questions about the effects of exposure to radio frequency energy (RF).

FDA has been a leading participant in the World Health Organization international Electromagnetic Fields (EMF) Project since its inception in 1996. An influential result of this work has been the development of a detailed agenda of research needs that has driven the establishment of new research programs around the world. The Project has also helped develop a series of public information documents on EMF issues.

FDA and Cellular Telecommunications & Internet Association (CTIA) have a formal Cooperative Research and Development Agreement (CRADA) to do research on wireless phone safety.

FDA provides the scientific oversight, obtaining input from experts in government, industry, and academic organizations.

CTIA-funded research is conducted through contracts to independent investigators. The initial research will include both laboratory studies and studies of wireless phone users. The CRADA will also include a broad assessment of additional research needs in the context of the latest research developments around the world.

What steps can I take to reduce my exposure to radio frequency energy from my wireless phone?

If there is a risk from these products - and at this point we do not know that there is - it is probably very small. But if you are concerned about avoiding even potential risks, you can take a few simple steps to minimize your exposure to radio frequency energy (RF). Since time is a key factor in how much exposure a person receives, reducing the amount of time spent using a wireless phone will reduce RF exposure.

• If you must conduct extended conversations by wireless phone every day, you could place more distance between your body and the source of the RF, since the exposure level drops off dramatically with distance. For example, you could use a headset and carry the wireless phone away from your body or use a wireless phone connected to a remote antenna.

Again, the scientific data do not demonstrate that wireless phones are harmful. But if you are concerned about the RF exposure from these products, you can use measures like those described above to reduce your RF exposure from wireless phone use.

What about children using wireless phones?

The scientific evidence does not show a danger to users of wireless phones, including children and teenagers. If you want to take steps to lower exposure to radio frequency energy (RF), the measures described above would apply to children and teenagers using wireless phones. Reducing the time of wireless phone use and increasing the distance between the user and the RF source will reduce RF exposure.

Some groups sponsored by other national governments have advised that children be discouraged from using wireless phones at all. For example, the government in the United Kingdom distributed leaflets containing such a recommendation in December 2000.

They noted that no evidence exists that using a wireless phone causes brain tumors or other ill effects. Their recommendation to limit wireless phone use by children was strictly precautionary; it was not based on scientific evidence that any health hazard exists.

Do hands-free kits for wireless phones reduce risks from exposure to RF emissions?

Since there are no known risks from exposure to RF emissions from wireless phones, there is no reason to believe that hands-free kits reduce risks. Hands-free kits can be used with wireless phones for convenience and comfort. These systems reduce the absorption of RF energy in the head because the phone, which is the source of the RF emissions, will not be placed against the head. On the other hand, if the phone is mounted against the waist or other part of the body during use, then that part of the body will absorb more RF energy. Wireless phones marketed in the U.S. are required to meet safety requirements regardless of whether they are used against the head or against the body. Either configuration should result in compliance with the safety limit.

Do wireless phone accessories that claim to shield the head from RF radiation work?

Since there are no known risks from exposure to RF emissions from wireless phones, there is no reason to believe that accessories that claim to shield the head from those emissions reduce risks. Some products that claim to shield the user from RF absorption use special phone cases, while others involve nothing more than a metallic accessory attached to the phone.

Studies have shown that these products generally do not work as advertised. Unlike "hand-free" kits, these so-called "shields" may interfere with proper operation of the phone. The phone may be forced to boost its power to compensate, leading to an increase in RF absorption. In February 2002, the Federal trade Commission (FTC) charged two companies that sold devices that claimed to protect wireless phone users from radiation with making false and unsubstantiated claims.

According to FTC, these defendants lacked a reasonable basis to substantiate their claim.

What about wireless phone interference with medical equipment?

Radio frequency energy (RF) from wireless phones can interact with some electronic devices. For this reason, FDA helped develop a detailed test method to measure electromagnetic interference (EMI) of implanted cardiac pacemakers and defibrillators from wireless telephones. This test method is now part of a standard sponsored by the Association for the Advancement of Medical instrumentation (AAMI). The final draft, a joint effort by FDA, medical device manufacturers, and many other groups, was completed in late 2000. This standard will allow manufacturers to ensure that cardiac pacemakers and defibrillators are safe from wireless phone EMI. FDA has tested wireless phones and helped develop a voluntary standard

sponsored by the Institute of Electrical and Electronic Engineers (IEEE). This standard specifies test methods and performance requirements for hearing aids and wireless phones so that no interference occurs when a person uses a compatible phone and a compatible hearing aid at the same time. This standard was approved by the IEEE in 2000.

FDA continues to monitor the use of wireless phones for possible interactions with other medical devices. Should harmful interference be found to occur, FDA will conduct testing to assess the interference and work to resolve the problem.

Additional information on the safety of RF exposures from various sources can be obtained from the following organizations (Updated 1/1/2010):
• FCC RF Safety Program:
  http://www.fcc.gov/oet/rfsafety/
• Environmental Protection Agency (EPA):
  http://www.epa.gov/radiation/
• Occupational Safety and Health Administration's (OSHA):
  http://www.osha.gov/SLTC/radiofrequencyradiation/index.html
• National Institute for Occupational Safety and Health (NIOSH):
  http://www.cdc.gov/niosh/
• World Health Organization (WHO):
  http://www.who.int/peh-emf/

- International Commission on Non-Ionizing Radiation Protection: http://www.icnirp.de
- Health Protection Agency: http://www.hpa.org.uk/radiation
- US Food and Drug Administration: http://www.fda.gov/Radiation-EmittingProducts/ RadiationEmittingProductsandProcedures/ HomeBusinessandEntertainment/CellPhones/default.htm

Road Safety

Your wireless phone gives you the powerful ability to communicate by voice, almost anywhere, anytime. But an important responsibility accompanies the benefits of wireless phones, one that every user must uphold.

When driving a car, driving is your first responsibility. When using your wireless phone behind the wheel of a car, practice good common sense and remember the following tips:

1. Get to know your wireless phone and its features, such as speed dial and redial. If available, these features help you to place your call without taking your attention off the road.

2. When available, use a hands-free device. If possible, add an additional layer of convenience and safety to your wireless phone with one of the many hands free accessories available today.

3. Position your wireless phone within easy reach. Be able to access your wireless phone without removing your eyes from the road. If you get an incoming call at an inconvenient time, let your voice mail answer it for you.

4. Let the person you are speaking with know you are driving; if necessary, suspend the call in heavy traffic or hazardous weather conditions. Rain, sleet, snow, ice and even heavy traffic can be hazardous.

5. Do not take notes or look up phone numbers while driving. Jotting down a "to do" list or flipping through your address book takes attention away from your primary responsibility, driving safely.

6. Dial sensibly and assess the traffic; if possible, place calls when you are not moving or before pulling into traffic. Try to plan calls when your car will be stationary. If you need to make a call while moving, dial only a few numbers, check the road and your mirrors, then continue.

7. Do not engage in stressful or emotional conversations that may be distracting. Make people you are talking with aware you are driving and suspend conversations that have the potential to divert your attention from the road.

8. Use your wireless phone to call for help. Dial 9-1-1 or other local emergency number in the case of fire, traffic accident or medical emergencies.

9. Use your wireless phone to help others in emergencies. If you see an auto accident, crime in progress or other serious emergency where lives are in danger, call 9-1-1 or other local emergency number, as you would want others to do for you.

10. Call roadside assistance or a special non-emergency wireless assistance number when necessary. If you see a broken-down vehicle posing no serious hazard, a broken traffic signal, a minor traffic accident where no one appears injured, or a vehicle you know to be stolen, call roadside assistance or other special non-emergency number.

"The wireless industry reminds you to use your phone safely when driving."

For more information, please call 1-888-901-SAFE, or visit our web-site www.ctia.org.

Important!: If you are using a handset other than a standard numeric keypad, please call 1-888-901-7233.

Provided by the Cellular Telecommunications & Internet Association.

Responsible Listening

Caution!: Avoid potential hearing loss.

Damage to hearing occurs when a person is exposed to loud sounds over time. The risk of hearing loss increases as sound is played louder and for longer durations.

Prolonged exposure to loud sounds (including music) is the most common cause of preventable hearing loss. Some scientific research suggests that using portable audio devices, such as portable music players and cellular telephones, at high volume settings for long durations may lead to permanent noise-induced hearing loss. This includes the use of headphones (including headsets, earbuds, and Bluetooth or other wireless devices). Exposure to very loud sound has also been associated in some studies with tinnitus (a ringing in the ear), hypersensitivity to sound and distorted hearing.

Individual susceptibility to noise-induced hearing loss and potential hearing problem varies. Additionally, the amount of sound produced by a portable audio device varies depending on the nature of the sound, the device settings, and the headphones that are used. As a result, there is no single volume setting that is appropriate for everyone or for every combination of sound, settings and equipment.

You should follow some commonsense recommendations when using any portable audio device:

• Set the volume in a quiet environment and select the lowest volume at which you can hear adequately.

• When using headphones, turn the volume down if you cannot hear the people speaking near you or if the person sitting next to you can hear what you are listening to.

• Do not turn the volume up to block out noisy surroundings. If you choose to listen to your portable device in a noisy environment, use noise-cancelling headphones to block out background environmental noise. By blocking background environment noise, noise cancelling headphones should allow you to hear the music at lower volumes than when using earbuds.

• Limit the amount of time you listen. As the volume increases, less time is required before you hearing could be affected.

• Avoid using headphones after exposure to extremely loud noises, such as rock concerts, that might cause temporary hearing loss. Temporary hearing loss might cause unsafe volumes to sound normal.

• Do not listen at any volume that causes you discomfort. If you experience ringing in your ears, hear muffled speech or experience any temporary hearing difficulty after listening to your portable audio device, discontinue use and consult your doctor.

You can obtain additional information on this subject from the following sources:

American Academy of Audiology

11730 Plaza American Drive, Suite 300

Reston, VA 20190

Voice: (800) 222-2336

Email: info@audiology.org

Internet: http://www.audiology.org

National Institute on Deafness and Other Communication Disorders

National Institutes of Health

31 Center Drive, MSC 2320

Bethesda, MD 20892-2320

Email: nidcdinfo@nih.gov

Internet: http://www.nidcd.nih.gov/

National Institute for Occupational Safety and Health (NIOSH)

395 E Street, S.W.

Suite 9200

Patriots Plaza Building

Washington, DC 20201

Voice: 1-800-35-NIOSH (1-800-356-4647)

1-800-CDC-INFO (1-800-232-4636)

Outside the U.S. 513-533-8328

Email: cdcinfo@cdc.gov

Internet: http://www.cdc.gov

1-888-232-6348 TTY

Internet: http://www.cdc.gov/niosh/topics/noise/default.html

Operating Environment

Remember to follow any special regulations in force in any area and always switch your phone off whenever it is forbidden to use it, or when it may cause interference or danger.

When connecting the phone or any accessory to another device, read its user's guide for detailed safety instructions. Do not connect incompatible products.

As with other mobile radio transmitting equipment, users are advised that for the satisfactory operation of the equipment and for the safety of personnel, it is recommended that the equipment should only be used in the normal operating position (held to your ear with the antenna pointing over your shoulder if you are using an external antenna).

Using Your Phone Near Other Electronic Devices

Most modern electronic equipment is shielded from radio frequency (RF) signals. However, certain electronic equipment may not be shielded against the RF signals from your wireless phone. Consult the manufacturer to discuss alternatives.

Implantable Medical Devices

A minimum separation of six (6) inches should be maintained between a handheld wireless phone and an implantable medical device, such as a pacemaker or implantable cardioverter defibrillator, to avoid potential interference with the device.

Persons who have such devices:

• Should ALWAYS keep the phone more than six (6) inches from their implantable medical device when the phone is turned ON;

• Should not carry the phone in a breast pocket;

• Should use the ear opposite the implantable medical device to minimize the potential for interference;

• Should turn the phone OFF immediately if there is any reason to suspect that interference is taking place;

• Should read and follow the directions from the manufacturer of your implantable medical device. If you have any questions about using your wireless phone with such a device, consult your health care provider.

For more information see:

http://www.fcc.gov/oet/rfsafety/rf-faqs.html

FCC Hearing-Aid Compatibility (HAC) Regulations for Wireless Devices

On July 10, 2003, the U.S. Federal Communications Commission (FCC) Report and Order in WT Docket 01-309 modified the exception of wireless phones under the Hearing Aid Compatibility Act of 1988 (HAC Act) to require digital wireless phones be compatible with hearing-aids.

The intent of the HAC Act is to ensure reasonable access to telecommunications services for persons with hearing disabilities.

While some wireless phones are used near some hearing devices (hearing aids and cochlear implants), users may detect a buzzing, humming, or whining noise. Some hearing devices are more immune than others to this interference noise, and phones also vary in the amount of interference they generate.

The wireless telephone industry has developed a rating system for wireless phones, to assist hearing device users find phones that may be compatible with their hearing devices. Not all phones have been rated. Phones that are rated have the rating on their box or a label located on the box.

The ratings are not guarantees. Results will vary depending on the user's hearing device and hearing loss. If your hearing device happens to be vulnerable to interference, you may not be able to use a rated phone successfully. Trying out the phone with your hearing device is the best way to evaluate it for your personal needs.

M-Ratings: Phones rated M3 or M4 meet FCC requirements and are likely to generate less interference to hearing devices than phones that are not labeled. M4 is the better/higher of the two ratings.

T-Ratings: Phones rated T3 or T4 meet FCC requirements and are likely to generate less interference to hearing devices than phones that are not labeled. T4 is the better/higher of the two ratings.

Hearing devices may also be rated. Your hearing device manufacturer or hearing health professional may help you find this rating. Higher ratings mean that the hearing device is relatively immune to interference noise. The hearing aid and wireless phone rating values are then added together.

A sum of 5 is considered acceptable for normal use. A sum of 6 is considered for best use.

M3 + M2 = 5   T3 + T2 = 5
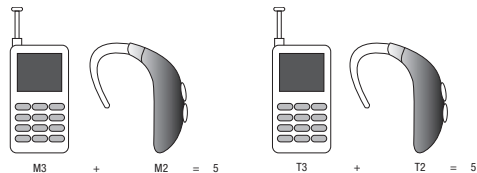
In the above example, if a hearing aid meets the M2 level rating and the wireless phone meets the M3 level rating, the sum of the two values equal M5. This is synonymous for T ratings. This should provide the hearing aid user with "normal usage" while using their hearing aid with the particular wireless phone. "Normal usage" in this context is defined as a signal quality that is acceptable for normal operation.

The M mark is intended to be synonymous with the U mark. The T mark is intended to be synonymous with the UT mark. The M and T marks are recommended by the Alliance for Telecommunications Industries Solutions (ATIS). The U and UT marks are referenced in Section 20.19 of the FCC Rules.

The HAC rating and measurement procedure are described in the American National Standards Institute (ANSI) C63.19 standard.

Other Medical Devices

If you use any other personal medical devices, consult the manufacturer of your device to determine if it is adequately shielded from external RF energy. Your physician may be able to assist you in obtaining this information. Switch your phone off in health care facilities when any regulations posted in these areas instruct you to do so. Hospitals or health care facilities may be using equipment that could be sensitive to external RF energy.

Vehicles

RF signals may affect improperly installed or inadequately shielded electronic systems in motor vehicles. Check with the manufacturer or its representative regarding your vehicle. You should also consult the manufacturer of any equipment that has been added to your vehicle.

Posted Facilities

Switch your phone off in any facility where posted notices require you to do so.

Potentially Explosive Environments

Switch your phone off when in any area with a potentially explosive atmosphere and obey all signs and instructions. Sparks in such areas could cause an explosion or fire resulting in bodily injury or even death.

Users are advised to switch the phone off while at a refueling point (service station). Users are reminded of the need to observe restrictions on the use of radio equipment in fuel depots (fuel storage and distribution areas), chemical plants or where blasting operations are in progress.

Areas with a potentially explosive atmosphere are often but not always clearly marked. They include below deck on boats, chemical transfer or storage facilities, vehicles using liquefied petroleum gas (such as propane or butane), areas where the air contains chemicals or particles, such as grain, dust or metal powders, and any other area where you would normally be advised to turn off your vehicle engine.

Emergency Calls

This phone, like any wireless phone, operates using radio signals, wireless and landline networks as well as user-programmed functions, which cannot guarantee connection in all conditions. Therefore, you should never rely solely on any wireless phone for essential communications (medical emergencies, for example).

Remember, to make or receive any calls the phone must be switched on and in a service area with adequate signal strength. Emergency calls may not be possible on all wireless phone networks or when certain network services and/or phone features are in use. Check with local service providers.

To make an emergency call:

1. If the phone is not on, switch it on.
2. Key in the emergency number for your present location (for example, 911 or other official emergency number). Emergency numbers vary by location.
3. Press the ⬛ key.

If certain features are in use (call barring, for example), you may first need to deactivate those features before you can make an emergency call. Consult this document and your local cellular service provider.

When making an emergency call, remember to give all the necessary information as accurately as possible. Remember that your phone may be the only means of communication at the scene of an accident; do not cut off the call until given permission to do so.

Restricting Children's access to your Phone

Your phone is not a toy. Children should not be allowed to play with it because they could hurt themselves and others, damage the phone or make calls that increase your phone bill.

FCC Notice and Cautions

FCC Notice

The phone may cause TV or radio interference if used in close proximity to receiving equipment. The FCC can require you to stop using the phone if such interference cannot be eliminated.

Vehicles using liquefied petroleum gas (such as propane or butane) must comply with the National Fire Protection Standard (NFPA-58). For a copy of this standard, contact the National Fire Protection Association:

NFPA (National Fire Protection Agency)

1 Batterymarch Park

Quincy, Massachusetts

USA 02169-7471

Internet: http://www.nfpa.org

Cautions

Any changes or modifications to your phone not expressly approved in this document could void your warranty for this equipment, and void your authority to operate this equipment. Only use approved batteries, antennas and chargers. The use of any unauthorized accessories may be dangerous and void the phone warranty if said accessories cause damage or a defect to the phone.

Although your phone is quite sturdy, it is a complex piece of equipment and can be broken. Avoid dropping, hitting, bending or sitting on it.

Other Important Safety Information

- Only qualified personnel should service the phone or install the phone in a vehicle. Faulty installation or service may be dangerous and may invalidate any warranty applicable to the device.
- Check regularly that all wireless phone equipment in your vehicle is mounted and operating properly.
- Do not store or carry flammable liquids, gases or explosive materials in the same compartment as the phone, its parts or accessories.
- For vehicles equipped with an air bag, remember that an air bag inflates with great force. Do not place objects, including both installed or portable wireless equipment in the area over the air bag or in the air bag deployment area. If wireless equipment is improperly installed and the air bag inflates, serious injury could result.

• Switch your phone off before boarding an aircraft. The use of wireless phone in aircraft is illegal and may be dangerous to the aircraft's operation.

• Failure to observe these instructions may lead to the suspension or denial of telephone services to the offender, or legal action, or both.

Product Performance

Getting the Most Out of Your Signal Reception

The quality of each call you make or receive depends on the signal strength in your area. Your phone informs you of the current signal strength by displaying a number of bars next to the signal strength icon. The more bars displayed, the stronger the signal.

If you're inside a building, being near a window may give you better reception.

Understanding the Power Save Feature

If your phone is unable to find a signal after searching, a Power Save feature is automatically activated. If your phone is active, it periodically rechecks service availability or you can check it yourself by pressing any key.

Anytime the Power Save feature is activated, a message displays on the screen. When a signal is found, your phone returns to standby mode.

Understanding How Your Phone Operates

Your phone is basically a radio transmitter and receiver. When it's turned on, it receives and transmits radio frequency (RF) signals. When you use your phone, the system handling your call controls the power level. This power can range from 0.006 watts to 0.2 watts in digital mode.

Maintaining Your Phone's Peak Performance

For the best care of your phone, only authorized personnel should service your phone and accessories. Faulty service may void the warranty.

There are several simple guidelines to operating your phone properly and maintaining safe, satisfactory service.

• To ensure that the Hearing Aid Compatibility rating for your phone is maintained, secondary transmitters such as Bluetooth and WLAN components must be disabled during a call. For more information, refer to *"Turn Bluetooth On/Off"* on page 56.

• If your phone is equipped with an external antenna, hold the phone with the antenna raised, fully-extended and over your shoulder.

• Do not hold, bend or twist the phone's antenna, if applicable.

• Do not use the phone if the antenna is damaged.

• If your phone is equipped with an internal antenna, obstructing the internal antenna could inhibit call performance.

• Speak directly into the phone's receiver.

• Avoid exposing your phone and accessories to rain or liquid spills. If your phone does get wet, immediately turn the power off and remove the battery. If it is inoperable, call Customer Care for service.

Availability of Various Features/Ring Tones

Many services and features are network dependent and may require additional subscription and/or usage charges. Not all features are available for purchase or use in all areas. Downloadable Ring Tones may be available at an additional cost. Other conditions and restrictions may apply. See your service provider for additional information.

Battery Standby and Talk Time

Standby and talk times will vary depending on phone usage patterns and conditions. Battery power consumption depends on factors such as network configuration, signal strength, operating temperature, features selected, frequency of calls, and voice, data, and other application usage patterns.

Battery Precautions

• Avoid dropping the cell phone. Dropping it, especially on a hard surface, can potentially cause damage to the phone and battery. If you suspect damage to the phone or battery, take it to a service center for inspection.

• Never use any charger or battery that is damaged in any way.

• Do not modify or remanufacture the battery as this could result in serious safety hazards.

• If you use the phone near the network's base station, it uses less power; talk and standby time are greatly affected by the signal strength on the cellular network and the parameters set by the network operator.

• Follow battery usage, storage and charging guidelines found in the user's guide.

• Battery charging time depends on the remaining battery charge and the type of battery and charger used. The battery can be charged and discharged hundreds of times, but it will gradually wear out. When the operation time (talk time and standby time) is noticeably shorter than normal, it is time to buy a new battery.

• If left unused, a fully charged battery will discharge itself over time.

• Use only Samsung-approved batteries and recharge your battery only with Samsung-approved chargers. When a charger is not in use, disconnect it from the power source. Do not leave the battery connected to a charger for more than a week, since overcharging may shorten its life.

• Do not use incompatible cell phone batteries and chargers. Some Web sites and second-hand dealers, not associated with reputable manufacturers and carriers, might be selling incompatible or even counterfeit batteries and chargers. Consumers should purchase manufacturer or carrier recommended products and accessories. If unsure about whether a replacement battery or charger is compatible, contact the manufacturer of the battery or charger.

- Misuse or use of incompatible phones, batteries, and charging devices could result in damage to the equipment and a possible risk of fire, explosion, leakage, or other serious hazard.
- Extreme temperatures will affect the charging capacity of your battery: it may require cooling or warming first.
- Do not leave the battery in hot or cold places, such as in a car in summer or winter conditions, as you will reduce the capacity and lifetime of the battery. Always try to keep the battery at room temperature. A phone with a hot or cold battery may temporarily not work, even when the battery is fully charged. Li-ion batteries are particularly affected by temperatures below 0 °C (32 °F).
- Do not place the phone in areas that may get very hot, such as on or near a cooking surface, cooking appliance, iron, or radiator.
- Do not get your phone or battery wet. Even though they will dry and appear to operate normally, the circuitry could slowly corrode and pose a safety hazard.
- Do not short-circuit the battery. Accidental short-circuiting can occur when a metallic object (coin, clip or pen) causes a direct connection between the + and - terminals of the battery (metal strips on the battery), for example when you carry a spare battery in a pocket or bag. Short-circuiting the terminals may damage the battery or the object causing the short-circuiting.
- Do not permit a battery out of the phone to come in contact with metal objects, such as coins, keys or jewelry.

- Do not crush, puncture or put a high degree of pressure on the battery as this can cause an internal short-circuit, resulting in overheating.
- Dispose of used batteries in accordance with local regulations. In some areas, the disposal of batteries in household or business trash may be prohibited. For safe disposal options for Li-Ion batteries, contact your nearest Samsung authorized service center. Always recycle. Do not dispose of batteries in a fire.

Care and Maintenance

Your phone is a product of superior design and craftsmanship and should be treated with care. The suggestions below will help you fulfill any warranty obligations and allow you to enjoy this product for many years.

- Keep the phone and all its parts and accessories out of the reach of small children.
- Keep the phone dry. Precipitation, humidity and liquids contain minerals that will corrode electronic circuits.
- Do not use the phone with a wet hand. Doing so may cause an electric shock to you or damage to the phone.
- Do not use or store the phone in dusty, dirty areas, as its moving parts may be damaged.
- Do not store the phone in hot areas. High temperatures can shorten the life of electronic devices, damage batteries, and warp or melt certain plastics.

- Do not store the phone in cold areas. When the phone warms up to its normal operating temperature, moisture can form inside the phone, which may damage the phone's electronic circuit boards.
- Do not drop, knock or shake the phone. Rough handling can break internal circuit boards.
- Do not use harsh chemicals, cleaning solvents or strong detergents to clean the phone. Wipe it with a soft cloth slightly dampened in a mild soap-and-water solution.
- Do not paint the phone. Paint can clog the device's moving parts and prevent proper operation.
- Do not put the phone in or on heating devices, such as a microwave oven, a stove or a radiator. The phone may explode when overheated.
- If your phone is equipped with an external antenna, use only the supplied or an approved replacement antenna. Unauthorized antennas or modified accessories may damage the phone and violate regulations governing radio devices.
- If the phone, battery, charger or any accessory is not working properly, take it to your nearest qualified service facility. The personnel there will assist you, and if necessary, arrange for service.

Section 17: Warranty Information

Standard Limited Warranty

What is Covered and For How Long?
SAMSUNG TELECOMMUNICATIONS AMERICA, LLC ("SAMSUNG") warrants to the original purchaser ("Purchaser") that SAMSUNG's Phones and accessories ("Products") are free from defects in material and workmanship under normal use and service for the period commencing upon the date of purchase and continuing for the following specified period of time after that date:

Phone	1 Year
Batteries	1 Year
Leather Case	90 Days
Holster	90 Days
Other Phone Accessories	1 Year

What is Not Covered? This Limited Warranty is conditioned upon proper use of Product by Purchaser. This Limited Warranty does not cover: (a) defects or damage resulting from accident, misuse, abuse, neglect, unusual physical, electrical or electromechanical stress, or modification of any part of Product, including antenna, or cosmetic damage; (b) equipment that has the serial number removed or made illegible; (c) any plastic surfaces or other externally exposed parts that are scratched or damaged due to normal use; (d) malfunctions resulting from the use of Product in conjunction with accessories, products, or ancillary/peripheral equipment not furnished or approved by SAMSUNG; (e) defects or damage from improper testing, operation, maintenance, installation, or adjustment; (f) installation, maintenance, and service of Product, or (g) Product used or purchased outside the United States or Canada.

This Limited Warranty covers batteries only if battery capacity falls below 80% of rated capacity or the battery leaks, and this Limited Warranty does not cover any battery if (i) the battery has been charged by a battery charger not specified or approved by SAMSUNG for charging the battery, (ii) any of the seals on the battery are broken or show evidence of tampering, or (iii) the battery has been used in equipment other than the SAMSUNG phone for which it is specified.

What are SAMSUNG's Obligations? During the applicable warranty period, SAMSUNG will repair or replace, at SAMSUNG's sole option, without charge to Purchaser, any defective component part of Product. To obtain service under this Limited Warranty, Purchaser must return Product to an authorized phone service

facility in an adequate container for shipping, accompanied by Purchaser's sales receipt or comparable substitute proof of sale showing the date of purchase, the serial number of Product and the sellers' name and address. To obtain assistance on where to deliver the Product, call Samsung Customer Care at 1-888-987-4357. Upon receipt, SAMSUNG will promptly repair or replace the defective Product. SAMSUNG may, at SAMSUNG's sole option, use rebuilt, reconditioned, or new parts or components when repairing any Product or replace Product with a rebuilt, reconditioned or new Product. Repaired/replaced leather cases, pouches and holsters will be warranted for a period of ninety (90) days. All other repaired/replaced Product will be warranted for a period equal to the remainder of the original Limited Warranty on the original Product or for 90 days, whichever is longer. All replaced parts, components, boards and equipment shall become the property of SAMSUNG.

If SAMSUNG determines that any Product is not covered by this Limited Warranty, Purchaser must pay all parts, shipping, and labor charges for the repair or return of such Product.

WHAT ARE THE LIMITS ON SAMSUNG'S WARRANTY/LIABILITY?
EXCEPT AS SET FORTH IN THE EXPRESS WARRANTY CONTAINED HEREIN, PURCHASER TAKES THE PRODUCT "AS IS," AND SAMSUNG MAKES NO WARRANTY OR REPRESENTATION AND THERE ARE NO CONDITIONS, EXPRESS OR IMPLIED, STATUTORY OR OTHERWISE, OF ANY KIND WHATSOEVER WITH RESPECT TO THE PRODUCT, INCLUDING BUT NOT LIMITED TO:

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• WARRANTIES OF TITLE OR NON-INFRINGEMENT;
• DESIGN, CONDITION, QUALITY, OR PERFORMANCE OF THE PRODUCT;
• THE WORKMANSHIP OF THE PRODUCT OR THE COMPONENTS CONTAINED THEREIN; OR
• COMPLIANCE OF THE PRODUCT WITH THE REQUIREMENTS OF ANY LAW, RULE, SPECIFICATION OR CONTRACT PERTAINING THERETO.

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This Limited Warranty allocates risk of Product failure between Purchaser and SAMSUNG, and SAMSUNG's Product pricing reflects this allocation of risk and the limitations of liability contained in this Limited Warranty. The agents, employees, distributors, and dealers of SAMSUNG are not authorized to make modifications to this Limited Warranty, or make additional warranties binding on SAMSUNG. Accordingly, additional statements such as dealer advertising or presentation, whether oral or written, do not constitute warranties by SAMSUNG and should not be relied upon.

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Precautions for Transfer and Disposal

If data stored on this device is deleted or reformatted using the standard methods, the data only appears to be removed on a superficial level, and it may be possible for someone to retrieve and reuse the data by means of special software.

To avoid unintended information leaks and other problems of this sort, it is recommended that the device be returned to Samsung's Customer Care Center for an Extended File System (EFS) Clear which will eliminate all user memory and return all settings to default settings. Please contact the **Samsung Customer Care Center** for details.

Important!: Please provide warranty information (proof of purchase) to Samsung's Customer Care Center in order to provide this service at no charge. If the warranty has expired on the device, charges may apply.

Customer Care Center:

1000 Klein Rd.

Plano, TX 75074

Toll Free Tel: 1.888.987.HELP (4357)

Samsung Telecommunications America, LLC:

1301 East Lookout Drive

Richardson, Texas 75082

Phone: 1-800-SAMSUNG (726-7864)

Important!: If you are using a handset other than a standard numeric keypad, dial the numbers listed in brackets.

Phone: 1-888-987-HELP (4357)

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